

# Jiefei Dong

📍 Wellington, New Zealand ✉ jeffdong2009@gmail.com ☎ +64 021861166 🌐 <https://www.linkedin.com/in/jeff-dong-bba16a14a/> 🖱 jiefidong.com

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## SUMMARY

My diverse life background and work experience give me exceptional communication skills and the dexterity to fit into any team. Living and studying in three different countries/languages has given me a unique perspective on a macro scale as well as a greater zest in approaching new things and meeting new people. I offer a very wide range of skills and dedicate passion to everything I pursue. Personal strengths include software development, visual design, marketing, and inter-personal mediation.

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## EDUCATION

### Bachelor of Science in Computer Science

Washington University in St. Louis • St. Louis, Missouri, USA • 2022 • Major GPA 3.00

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## INVOLVEMENT

### Internal Vice President, Operations Director, Brotherhood Development Director, Rush Chair, Mental Health Chair

Washington University in St. Louis • Zeta Beta Tau Fraternity Alpha Xi Chapter • February 2018 - May 2022

- Held multiple executive officer positions during my time in the fraternity.
- Trained, educated, and initiated 20 new members and designed recruitment merchandise.
- Attended Regional Officer Institute and other leadership training.
- Ensured chapter constitution met new school and national standards/policies.

### Coordinator

Washington University in St. Louis • Washington University China Connection • September 2018 - May 2022

- Hosted cultural events on campus, i.e. Lunar New Year Festival, Full Moon Festival.
- Increased support on campus for students of Chinese origin.

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## SKILLS

Proficiency in full-stack development, Java/Javascript, HTML and CSS+React website development, PHP and SQL database, assembly code, C/C++, and Python

Native fluency in English and Chinese

Conversational in German at A2/B1 level

Marketing and Sales—I have personally honed my marketing and sales techniques in the luxury sneaker and clothing industry since the age of 12.

Architecture — Avid architecture and art history fan. I have produced my own designs, renderings, and projects.

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## PROJECTS

### DealMaker Online Buy/Sell Platform

Software Engineering Workshop (CSE 437S) • February 2021 - April 2022

- Created a functional online trading platform in a team of 4 using Vue+Golang.
- Restricted users to register using emails with collegiate domains only.
- Implemented full listing and buyer contact capabilities.
- Code: <https://github.com/cse437-team-X/>

### TicTacToe and Gomoku Game

Object-Oriented Software Development Laboratory (CSE 332S) • November 2020 - December 2020

- Worked in a group of 3 to complete C++ project.
- Implemented TicTacToe and Gomoku games via terminal.
- Code: <https://github.com/DongJeff/TicTacToe-Gomoku-JeffDong>.

### File Share Website

Rapid Prototype and Creative Programming (CSE330S) • June 2020 - July 2020

- Successfully implemented a file share website using Django+Vue.
- Allows users to sign in, upload file, and share download links, with permanent share links and larger data allowances for VIP members.
- Code: [https://github.com/DongJeff/final\\_project\\_file\\_share\\_website](https://github.com/DongJeff/final_project_file_share_website).

### 2D-Soccer Game

Programming Tools and Techniques • March 2020 - May 2022

- Worked in a group of 4 to complete project using Java.
- Implemented features included in ReadMe file.
- Code: <https://github.com/DongJeff/2dsocccgame-237final-JeffDong>.

### **Online Styling Collective**

January 2020 - Present

- My unique perception of aesthetics and passion for clothing as a visual medium has brought me to custom fashion and earned the reputation of a pioneer in the online custom clothing industry.
- Collaborating with over a dozen designers from 7 countries to create a styling collective.

### **Interactive To-Do List**

Web Development (CSE204A) · December 2019 - December 2019

- Implemented stylized interactive to-do list using HTML+CSS.
- Allows users to add new items and cross out completed ones.
- Code: <https://github.com/DongJeff/webdev-final-assignment-JeffDong>.

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## **EXPERIENCE**

### **Administrative Assistant, Junior Cataloguer**

Webb's Auction House

May 2019 - July 2019, Auckland, NZ

- I implemented a number of more efficient procedures to increase potential storage space and ease of access.
- The cataloging, valuing, and research of over 400 individual items
- The transferal of over 20 previous exhibitions onto a website
- The translation of documents into Chinese and English.

### **Architectural Intern**

Beijing Institute of Architectural Design & Research Co.

June 2018 - August 2018, Beijing, China

- Solely responsible for creating multiple computer aided designs such as 3D-models and site plans of ongoing projects, which the firm utilized in the final presentation.
- Ensured timely, accurate preparation of 3D-models, renderings, and site plans.
- Working closely alongside experienced senior architects.

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- Working closely alongside experienced senior architects.

### **Exchange Student**

Gebrüder Montgolfier Gymnasium

September 2015 - July 2016, Berlin, Germany

- Completed 10th grade studies at a German gymnasium (preparatory high school) while living with a German host family.
- Completed SEK-1-Exams.

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## **COURSEWORK**

### **Analysis of Algorithms (CSE347)**

Washington University in St. Louis · 2022

Studied a number of different types of algorithms, such as divide-and-conquer, greedy, and dynamic programming in depth

### **From Concept to Market: The Business of Engineering (Engr 324)**

Washington University in St. Louis · 2022

Successfully developed and presented a complete business plan for a hypothetical product while addressing important elements of the technology life cycle

### **Foundations of Biomedical Computing (BME231)**

Washington University in St. Louis · 2022 · Python

Learned coding structures applied to concepts in linear algebra, statistics, and probability as a foundation to more advanced biomedical data science applications in machine learning and artificial intelligence.

### **Introduction to Computer Networks(CSE 473S)**

Washington University in St. Louis · 2021

Received a broad overview of computer networking including history, protocols, wireless and mobile networks, multimedia networking, security in computer networks, cryptography, and network management.

### **Software Engineering Workshop (CSE 437S)**

Washington University in St. Louis · 2021

Worked with a team to develop a product covering the principal system development life-cycle phases from requirements analysis, to software design, and to final implementation while emulating industrial development

### **Amplifying Cyberdiversity, Principles of Marketing, Consumer Behavior**

Washington University in St. Louis · 2021

### **Object-Oriented Software Development Laboratory (CSE 332S)**

Washington University in St. Louis • 2020 • C++

Practical aspects of designing, implementing and debugging software, using object-oriented, procedural, and generic programming techniques.

### **Rapid Prototype Development and Creative Programming (CSE330S)**

Washington University in St. Louis • 2020 • Apache, PHP, SQL Databases, Python

Used web development as a vehicle for developing skills in rapid prototyping.

### **Programming Tools and Techniques (CSE237S)**

Washington University in St. Louis • 2020 • Java

Learned tools and techniques that allow programmers to write code effectively including: version control, the command line, debuggers, compilers, unit testing, IDEs, bug trackers, etc., with emphasis on code quality.

### **Managerial Statistics I & II (DAT 120 & DAT 121)**

Washington University in St. Louis • 2020 • Excel, SPSS Statistics

Business applications of statistics, focused on forecasting using linear regression models in business, and ways to deal with problems of collinearity, outliers, non-linear relationships, and heteroscedasticity, time series regression, and logistic models

### **Principles of Financial & Managerial Accounting (ACCT 2610 & ACCT 2620)**

Washington University in St. Louis • 2020

Provides an overview of the financial accounting reporting process, with a primary focus on the analysis of economic events and their effect on the major financial statements. Also introduced the vocabulary and mechanics of and managerial accounting and techniques used by internal managers in planning, directing, controlling, and decision-making activities within their organizations, with emphasis on on the accumulation and analysis of data for internal decision makers.

### **Internet of Things (CSE 222S)**

Washington University in St. Louis • 2020 • C++ Arduino

Gained hands-on experience developing multi-platform solutions that control and communicate with Things using an accompanying web app.

### **Web Development (CSE204A)**

Washington University in St. Louis • 2019 • HTML, CSS, React, JavaScript

applied elementary principles for designing, creating and publishing effective websites and web application front-ends by creating a series of websites.

### **Calculus III, Matrix Algebra, Logic and Discrete Mathematics, both Micro and Macro-Economics**

Washington University in St. Louis • 2019