

MICHELLE ZHANG

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EDUCATION

Bachelor of Science, Computer Science, Minor in Analytics

Graduation: May 2024

Chapman University, Orange, CA, Hesperian Scholarship

GPA: 3.8

- **Relevant coursework:** Data Structures and Algorithms, Data Comms/Computer Networks, Object-Oriented Programming, Computational Physics, Multivariable Calculus, Discrete Mathematics, Linear Algebra and Differential Equations, Database Management, Operating Systems, Artificial Intelligence
- **Organizations:** Alpha Kappa Psi (Professional Business Fraternity), Gamma Beta Phi Honors Society, National Society of Collegiate Scholars (NSCS), Girls Who Code, Nikkei Student Union (NSU)

Programming Languages: Python, C/C++, Java, HTML5, CSS3, JavaScript, TypeScript, React.js, SQL

Technical Skills: Git/GitHub, VSCode, Unix/Linux, Jupyter Notebook, JSON/CSV, Microsoft Excel, Firebase, Arduino

PROFESSIONAL EXPERIENCE

Fu11 Mart Inc., Frisco, TX

July 2022 - Present

Full-Stack Software Engineer Intern

- Developing a full-stack ecommerce and company website to increase company revenue and expand customer target audience to national and international scales
- Leading and working alongside a 5-member engineering team to produce, modify, and debug software
- Collaborate with product management and development teams, other engineering departments, and business teams to ensure technical responsibilities and future projected goals are met

TheCoderSchool Cerritos/La Palma, Cerritos, CA

February 2022 – July 2022

Code Coach

- Responsible for coaching students ages 4 to 19 in 1:1 and 2:1 formatted sessions and coached over 30 students
- Guide students through personalized coding projects, coding competition preparation, and offer programming advice
- Responsible for creating curriculums to help teach students a variety of languages such as Scratch, Python, and Java

PROJECTS

Personal Website Portfolio: <https://www.michelleezhangg.com/>

Fu11 Mart Ecommerce Store Website (Excel, React.js, Next.js, Node.js, Firebase, REST API)

July 2022 – Present

- Creating a full-stack ecommerce website for Fu11 Mart, a small variety store company, to serve as the company website and digital version of the store through selling products and processing payments in a database
- Implementing shopping cart, checkout processes such as shipping and payments, and user-friendly UI/UX design
- Working cross-functionally with engineering and product design teams to scope out the engineering requirements and implementations from the front-end to the back-end data

Personal Film Catalog Webpage (HTML5, CSS3, JavaScript, VSCode)

June 2022 – Present

- Designing and programmed a multi-paged, fully responsive webpage showcasing my own personal film catalog including my 500+ film reviews, ratings, analyses, and self-curated film lists recorded over a 3-year long period
- Coding in HTML5, CSS3, and JavaScript in VSCode focusing on creative and interactive UI design

University Student-Faculty Database, Chapman University (C++, Git/GitHub)

April 2022

- Simulated a university database by storing, removing, and maintaining all data in a Binary Search Tree data structure
- Implemented a BST ADT in C++, object serialization, rollback features with stacks, capable of storing 10,000+ entries
- Worked extensively with a fellow classmate on code design and implementation and used Git/GitHub for source control

ABOUT ME

- **Languages:** English (native/fluent), Mandarin Chinese (native/fluent), Spanish (intermediate)
- **Interests:** Music (Piano, Guitar, Singing), Film/Television, Writing, Traveling, Data Science (AI, Machine Learning)