

Hugh Nguyen

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CAREER OBJECTIVE

Seeking a software engineering position that utilizes my skills in programming and software development. I have experience in implementing full stack projects, including front-end design, web server-controller design, and backend database implementation. I am a detail-oriented and hard-working engineer with a track record of delivering high-quality work on time.

EDUCATION

San Francisco State University, San Francisco, CA

Computer Science (B.S.) Computer Science 2022 GPA: 3.4

KNOWLEDGE AND PROGRAMMING SKILLS

- Strong knowledge of data structures and algorithms, including efficient CRUD in database design
- Proficiency in IP-based networking architecture, L2 subnet level switching, inter-subnet L3 routing, and internet IP routing
- Familiarity with computer architecture, operating systems, and file systems down to the hardware level
- Experience in mobile app development for iOS and Android
- Proficiency in programming languages including Java, C/C++, Python, and Javascript
- Experience using libraries, APIs, and frameworks such as React, HTML, CSS, Bootstrap, jQuery, and Ajax to create dynamic web pages
- Proficiency in using office and software development tools such as Microsoft Office, Linux, Mac OSX, Windows OS, and IDEs like Eclipse and Visual Studio

SCHOOL PROJECTS

- Api.Pottr.app- Project lead working on modifying HTML, JS, CSS web pages to optimize page performance and tying SQL databases to back-end functions
- TankGame- Designed and implemented game-level functions using Java and the Open Game API
- DeviceDriver- Designed and implemented security level encryption/decryption using C programming and Linux CLI
- Movie Theater Database- Used Web Scraping API to scrape data from the internet and create a database in MySQL, optimizing page performance using HTML/CSS

WORK EXPERIENCE

BI-FINANCE, San Francisco, CA

Software Engineer Jan 2020 –Present

- Designed MVC architecture app using NodeJS, building front-end with HTML, CSS, Bootstrap, JS, jQuery, and Ajax
- Built databases using Python and Java to scrape data from the internet, formulated into Excel worksheets, and built a financial information database using MySQL
- Wrote controller code to implement decision method models for finance investment strategies using Java and Python

TICKETEFFECT, San Francisco, CA

Lead Software Engineer Jan 2019 – June 2019

- Used HTML, CSS, and Javascript to design and drive traffic to a ticketing website for reselling and distributing tickets

CREDENTIALS AND LICENSES

- NASM (National Academy of Sports Medicine)
- (Completed first two years in pharmacist program in University Of Pacific)