Quyen Huynh

FULL-STACK SOFTWARE ENGINEER

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Education

University of Virginia   *Charlottesville, VA*

BACHELOR'S IN COMPUTER SCIENCE, MAJOR GPA: 3.6   *Expected Graduation: May 2021*

- Relevant Courses: Data Structures and Algorithms, Artificial Intelligence, Usability Engineering, Software Development Essentials, Advanced Software Development Techniques, Programming Languages, Computer Organization and Architecture, Discrete Mathematics, Theory of Computation

Skills

Languages	Python, Java, R, C, C++, HTML, CSS, JavaScript, Prolog
Frameworks/Libraries	Git, Django, Bootstrap, Maven, Junit, Praw
Database Management	mySQL

Experience

University of Virginia   *Charlottesville, VA*

TEACHING ASSISTANT   *August 2019 - PRESENT*

- Increased productivity between all TAs by over 200% by developing a TA Guide website to answer commonly asked questions and bugs
- 100% attendance rate, with over 99% positive feedback from students
- Led weekly lab groups to aid up to 100 students with Python concepts and programming assignments, in addition to office hours

Alarm.com   *Tysons, VA*

SOFTWARE ENGINEERING EXTERN   *March 2020*

- Analyzed code bases, attended meetings, and assisted engineers with assignments
- Got accustomed to company cultures and events
- Accompanied junior and senior software developers

Quyen Vo, Inc.   *Washington, DC*

RECEPTIONIST   *June 2014 - August 2019*

- Implemented a program that simplified the payroll process, decreasing the time allotted by 207% to the calculations and the margin of error
- Managed up to 12 people and assisted them with their services
- Over 99% attendance rate over the course of 6 years

Projects

Finder

- A website that pings your current location and gives you a list of events nearby
- Integrates with Google Maps, Google Calendar, iCal, Facebook Events, etc. to compile all possible meetings and generates a comprehensive list of events.
- Implemented with Python, Django, and HTML/CSS. Also has Google log-in support and Google Maps libraries. Deployed via Heroku.

Time Me

- Java program that includes stopwatch, timer, and scheduling capabilities to make time management simpler
- Includes basic GUI for user to select their desired options
- Has pomodoro technique timer, increasing productivity by 25%

Connect 4 AI

- Implemented Expectimax and Minimax with Alpha-Beta Pruning with various heuristics to create the ultimate Connect 4 AI
- Won against human opponents over 80% of the time

Guide for Teaching Assistants

- Simple website using Python, Django, and HTML/CSS intended to help newer TAs with their job
- Includes authentication for TAs exclusively, tips, and common bugs for each assignment and lab, increasing overall TA productivity
- 100% positive feedback from fellow teaching assistants that have used the website