Cordelia Stiff

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Objective

- Seeking full-time job in software engineering, with main interest in front-end development and embedded systems

Education

BACHELOR OF SCIENCE | HARVEY MUDD COLLEGE | EXPECTED MAY 2019

- Major: Computer Science
- Cumulative GPA: 3.5

RELEVANT COURSEWORK

- In Progress: Natural Language Processing, Computer Science Clinic
- Computer Science: Software Development, Algorithms, Data Structures and Program Development, Computability and Logic, Discrete Mathematics, Principles of Computer Science, Introduction to Computer Science
- Engineering: Microprocessor Systems: Design and Application, Digital Electronics & Computer Architecture, Autonomous Vehicles, Engineering Systems

CODING LANGUAGES

- Proficient: Python, C++, Java, React, Javascript, Latex, Arduino, HTML, CSS,
- Knowledgeable: Picobot, Verilog, Racket
- Familiar: Prolog, Ruby on Rails,

ACHIEVEMENTS & ACTIVITIES

- Dean's List (all eligible semesters)
- Mock Trial (Fall 2016, Spring 2017)
- 2nd Place Winner, MuddHacks (Fall 2016)
- Dorm President (2017 - 2018)

Experience

SOFTWARE DEVELOPMENT INTERN | HOMEAWAY, INC. | SUMMER 2018

- Worked on the Search page, which handles the highest percentage of traffic across the entire site, using monitoring tools, CI/CD setups, A/B testing frameworks, and advanced React components
- Worked on front end tickets as part of an agile team, taking part in standups and using Kanban for ticket management

COMPUTER SCIENCE RESEARCH | HARVEY MUDD COLLEGE | SUMMER 2017 – SPRING 2018

- Worked in the Active Transportation Lab, working on the effects of infrastructure changes
- Gave multiple research talks to other undergraduates, as well as a poster presentation
- Used Python image processing tools to analyze Google Street View images in order to identify infrastructure changes as a part of an overall project to identify the effect of infrastructure changes on bicycle and pedestrian collisions

MUDDHACKS 2ND PLACE WINNER | HARVEY MUDD COLLEGE | FALL 2016

- Created a small desktop pet for a hackathon that used overall light levels to monitor amount of sleep over time with a team of three others
- Won 2nd place out of over 60 teams
- Featured in the Los Angeles Times

COMPUTER SCIENCE GRADER AND TUTOR | HARVEY MUDD COLLEGE | FALL 2016/SPRING 2017

- Assisted students with Introduction to Computer Science and Principles of Computer Science problems
- Helped students develop methods of approaching a problem, debug common issues, and explain conceptual issues

CAPTURE THE FLAG ROBOT | AUTONOMOUS VEHICLES CLASS AT HARVEY MUDD COLLEGE | FALL 2015

- Built and wrote code for an Arduino robot to participate in a capture the flag competition, capturing beacons with both bump sensors and flashing gold codes. Won 3rd place overall