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Max White

Objective

To leverage my strong work ethic, problem-solving ability and experience as a teammate and professional into a role at your company that will allow me to meaningfully contribute and grow as a software engineer

Employment Experience and Internships

May 2015 – Aug. 2015   Middlebury College IT Department

Service Requests Assistant

- Dealt directly with clients to troubleshoot software and hardware issues
- Quickly learned to work within an established system and communicate with team members
- Took initiative by actively seeking projects and successfully completing long-term tasks

July 2014 – Oct. 2014   Garvan Institute of Medical Research

Intern for Garvan Molecular Genetics Lab

- Programmed pipetting robot to automate the product isolation process of DNA sequencing
- Optimized various DNA polymerase complexes for genotyping of client's samples
- Gained familiarity with professional interaction through cooperation with researchers and co-workers

Projects and Skills

Personal Website

- Built dynamic site from scratch in PHP, CSS and HTML with MySQL database integration
- Delved into bare-bones client-side tools to deepen understanding and appreciation of front-end frameworks
- Hosted on Raspberry Pi using Apache server and No-IP's dynamic DNS

Ridesharing Web Application

- Developed a web-based ridesharing application as part of a small team
- Utilized agile development to share progress and meet deadlines within the Scrum framework
- Personally implemented the majority of server-side functionality using Node.js and MongoDB

Positional Game-Playing Program

- Wrote a program in Java that can play a broad family of positional n-in-a-row games
- Implemented efficient, time-limited minimax algorithm with alpha-beta pruning
- Incorporated a genetic algorithm to optimize weighting system used for board assessment

Languages and Development Tools

- Familiar with Java, Python, Javascript, C, $C^{\#}$, C++, Ruby, HTML, CSS, PHP and SQL
- Experience with both relational and noSQL databases
- Practiced in numerous frameworks including Node.js, jQuery, Angluar, and Bootstrap

Education

Middlebury College (Sept. 2012 – May 2016)

- Graduated Magna Cum Laude with a double major in Computer Science and Neuroscience
- 3.88 Computer Science Major GPA (4.0 within Computer Science Department)