David Henshaw

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Summary

- Post-Baccalaureate student transitioning to Computer Science with programming experience in C/C++
- Highly competitive inclination to succeed in both team and self-directed settings
- Constant desire to merge bioengineering and computer science to advance medical technology
- Maintained a 3.73 GPA while working 40 hours per week

Education

Bachelor of Science | Computer Science, Software Engineering Minor   Expected Dec 2020
Washington State University - Pullman, WA   GPA: 3.73

Bachelor of Science | Bioengineering   2015
Washington State University - Pullman, WA   GPA 3.46

Projects

PTme: Elson S. Floyd Medical Hackathon First Place   2018
- Created iOS and watchOS application to increase exercise compliance of physical therapy patients, able to track arm motion in real time
- Lead software developer on cross-disciplinary team of medical students and engineers that created a working prototype using Swift Core Motion API in under 24 hours

"Containment": Scrum master   2018
- Built a top-down wave survival game using C++ with Simple and Fast Multimedia Library
- Guided team members in agile scrum methodologies including sprints and testing

Personal Projects: 2018
- Created a fitness application to track diet and exercise plans using linked lists in C++
- Developed short game in Ruby using Gosu gem library

Bioengineering Capstone: Gauntlet Orthotics & Prosthetics   2015
- Designed and prototyped an iterative brace using 3D printing for children with club foot disorder
- Created a sustainable business model, judged by industry mentors from WSU Carson College of Business

Involvement

Association for Computed Machinery   2018
- Developed leadership skills organizing the Crimson Code Annual Hackathon hosted by the ACM
- Worked on a team of 7 students to coordinate large scale event logistics such as catering and hacking team placement

Experience

Stockroom Attendant II
HILLSIDE CAFÉ, Washington State University - Pullman, WA   2018
- Learned SQL database CBORD software to manage and assist in forecasting, ordering, and inventory
- Facilitate in purchasing practices for the operational unit that generates over two million in yearly sales
- Iterated product storage areas increasing inventory efficiency by 75%

Honors & Awards

Presidents Honor Roll Fall 2011, Spring 2012, Fall 2015, Burgess Brothers Memorial Scholarship
University Achievement Award
Eagle Scout   2010