ANDREW VICTOR

1909 Lemming Ave ◇ Eugene, OR 97401
541-232-7955 ◇ ajv541@gmail.com

EDUCATION

Oregon State University *September 2016 - Present*
Bachelor's of Science Cumulative GPA: 3.45
Electrical & Computer Engineering Major GPA: 3.26
Minor in Computer Science Minor GPA: 3.35
Scheduled Graduation: December 2020
Portfolio: `https://andrewvictor5-github-io.vercel.app/`

WORK EXPERIENCE

Mentor Graphics June 15th, 2020 - September 4th, 2020
Full-Time AMS Intern

- Converted PSpice models of PCB parts from vendors and manufacturers then created symbols for new parts in Xpedition AMS, testing generated symbols for accuracy in simulation.
- Created Defect Reports for new errors found to improve and enhance existing software.
- Completed Quality Assurance testing on various test cases to updates of existing software.
- Collaborated remotely with team members in Cairo, Moscow, Bangalore, and the United States.

Callisto Integration June 17th, 2019 - May 29th, 2020
Full-Time Software Engineering Intern/Part-Time MES Consultant

- Strengthened experience working with Microsoft technologies, SQL Server, and other third party manufacturing applications.
- Participated as a project team member in analyzing and implementing Manufacturing Execution Systems (MES) solutions for Callisto customers.
- Implemented technical skills and knowledge of manufacturing software and systems to help translate client business needs into solutions.

Bigfoot Beverages Summer 2017, Summer 2018
Full-Time Product Merchandiser

- Worked in teams traveling to retail stores to quickly, efficiently, and accurately stock the delivered product and product stored in backstock. Assisted drivers deliver product loads to clients and customers.

TECHNICAL STRENGTHS

Programming Languages AVR, C/C++/C#, MATLAB, PHP, Python, Bash, SQL, Visual Basic, VBA
Software & Tools Git, SQL Server, Microsoft Office, PADS AMS, Visual Studio, Xpedition AMS

EDUCATIONAL KNOWLEDGE

- Circuit analysis and its applications to diodes, MOSFETs, and BJT's, small and large signal circuit characteristics, and linear circuit design.
- Analytical techniques for continuous-time and discrete-time signals and systems using various transforms. Introductory techniques for discrete and continuous probability concepts.
- UNIX operating system, fundamentals of processes and interprocess communication, sockets and client/server systems, file systems, memory organization. Data structures and complexity analysis.
- Fundamental concepts and general algorithms of visual perception, image sampling and quantization, image enhancement, image restoration, and image color processing.
- Technical writing, public speaking, and documenting project progress and artifacts in a team setting.