ANDREW VICTOR

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Portfolio: `https://andrewvictor5-github-io.vercel.app/`

EDUCATION

Oregon State University *September 2016 - December 2020*
Bachelor's of Science Cumulative GPA: 3.45
Electrical & Computer Engineering Major GPA: 3.33
Minor in Computer Science Minor GPA: 3.35

WORK EXPERIENCE

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

- Converted PSpice models of PCB parts from vendors and manufacturers into Spice models, then created symbols for new parts in Xpedition AMS, testing the generated symbols for accuracy in simulation.
- Created Defect Reports for newly detected errors 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

- 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.
- Strengthened experience working with Microsoft technologies, SQL Server, and other third party manufacturing applications.

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 C, C++, Python, MATLAB, JavaScript, HTML/CSS, SQL, C#, VB
Software & Tools GitHub, Linux, Microsoft Office, SQL Server, Visual Studio, Xpedition AMS

EDUCATIONAL SKILLS

- Circuit analysis and its applications to diodes, MOSFETs, and BJT's, small and large signal circuit characteristics, magnitude and frequency response, and linear circuit design.
- Analytical techniques for continuous-time and discrete-time signals and systems using various types of transforms. Introductory techniques for discrete and continuous random probability concepts.
- Linux operating system, fundamentals of processes and interprocess communication, sockets and client/server systems, file systems, memory organization. Data structures and complexity analysis.
- Fundamental concepts of computer networks including internet protocols, transport layer, routing algorithms, network layer, control planes, data link layer, and security.
- Technical writing, public speaking, and documenting project progress and artifacts in a team setting.