

# ANDREW VICTOR

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## EDUCATION

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### Oregon State University

Bachelor's of Science

Electrical & Computer Engineering

Minor in Computer Science

Scheduled Graduation: December 2020

Projects: <https://eecs.oregonstate.edu/project-showcase/profile/?id=z2pfYx3wixKYpdEn>

*September 2016 - Present*

Cumulative GPA: 3.45

Major GPA: 3.26

Minor GPA: 3.35

## WORK EXPERIENCE

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### Mentor Graphics

*Full-Time AMS Intern*

June 15th, 2020 - September 4th, 2020

- 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 Analysis 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

*Full-Time Software Engineering Intern/Part-Time MES Consultant*

June 17th, 2019 - May 29th, 2020

- 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

*Full-Time Product Merchandiser*

Summer 2017, Summer 2018

- 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

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### Programming Languages Software & Tools

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

## EDUCATIONAL KNOWLEDGE

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- 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.