

James Steven

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OBJECTIVE

Internship/Co-op Opportunity January – December 2019 based on knowledge and skills gained in professional experience, personal side projects, competitions, and computer engineering coursework.

EDUCATION

The Ohio State University, Columbus, Ohio

Overall GPA (4.00 scale): 3.84

B.S. Honors Computer Engineering, May 2020

Honors: Recipient of Maximus, Mankoff, Alumni Society, and Scarlet & Grey grants

Dean's List for 4 consecutive semesters, FEH Program

QUALIFICATIONS

- Programming Languages: C, VHDL, SysVerilog C#, ASP.NET Core, SQL, C++, Java, CSS, and Python
- Understanding of OpenCV and MATLAB for use in computer vision
- Coursework: Adv. C Programming, Algorithms and Data Structures, Adv. Circuit Design, Discrete Structures, Microcontrollers, Analog Sys. and Sig.

WORK EXPERIENCE

Marathon Petroleum Corporation, Findlay, Ohio

Software Engineering Intern, May – August 2018

- Supported enterprise grade software using ASP.NET Core, C#, SQL, Bootstrap, and Tableau
- Team leader of internal hackathon group (1st place overall and winner of best design implementation)
 - Coordinated collaboration, feature prioritization, and conflict resolution
- Social Director of intern advisory board in charge of planning weekly events for 130 interns

Giant Industries, Toledo, Ohio

Summer Production Worker, May – August 2017

- Built and tested high pressure water pumps as part of a small engineering team
- Analyzed parts for abnormalities and made recommendations to business unit for supply changes
- Maintained production lines and quality control to ensure maximum throughput

Glenn College OSU, Columbus, Ohio

IT Department Assistant, August 2016 – Present

- Receive and complete tickets using Spiceworks IT tool
- Personally assist staff with computers, printers, school accounts, and mobile devices
- Manage accounts using active directory

ENGINEERING PROJECTS

Computer Vision Chess Robot, June 2017 - Present

- Designed 4 DOF SCARA robot arm in Solidworks for chess piece manipulation
- Constructed robot arm using aluminum and steel
- Programmed at the machine level using Arduino, and at the Computer Vision level using Python and OpenCV

Personal Website (www.James-Steven.com), August 2018 – Present

- Designed and wrote personal website using C#, .NET Core, Custom Bootstrap, Photoshop, Illustrator
- Gained experience with VSTS, IIS hosting, and version control
- Created plans for SQL DB, File server, and user login expansions to the site

ACTIVITIES AND INTERESTS

- Vice President and Co-Founder, OSU Spikeball Club, November 2016 – Present
 - In charge of logistics, technology, and speaking at full roster meetings
- Active Member, OSU Squash Club, September 2016- Present
- Hobbies include golf, chess, baseball, hockey, and programming