

## DAVID A. WING

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github.com/hyperwing

### *Objective*

A summer position in the field of Computer Science, with an emphasis on Software Development.

### *Education*

St Charles Preparatory School

graduated 2015

The Ohio State University, B.S., Computer Science and Engineering,

expected 2020

### *Language and Technologies*

Java, C#, Node.js, JavaScript, Mocha, Powershell, Visual Basic, Python, LaTeX

AWS, Firebase, Android Development, Unity3D, SQL

### **Work Experience**

#### *Software Engineering Intern*

5/18-7/18

Asurion - Sub-billing Division, Nashville, TN

Worked with back office transactions, creating internal tools in Node.js and Python to streamline account processing. Resolved critical issues in serverside applications and on AWS caused by a large scale migration. In addition to working on production servers, I led a team presenting a business case to the executives at the company involving the technical direction the company should pursue.

#### *Software Engineering Intern*

5/17-8/17

Innovative Systems - R&D Division, Pittsburgh, PA

Created tools used in the daily deployment of database updates and migrations. Learned correct documentation and software design practices and cooperated with other departments to fully envision and develop a cohesive product that is in production use. Using Visual Basic, SQL Server and Java, the product took user instructions and ran through a complex procedure to transfer data.

#### *Student Information Technology Worker*

4/16-11/16

The Ohio State University - Chemistry Department, Columbus, OH

Worked with the tech department of the Chemistry department over the summer. Created deployment packages for software across the department. Created scripts in Powershell deployed for use for software automation across the department. Worked with RHEL as a system admin and OS deployment, and Raspian for hardware and software deployment.

#### *FIRST Robotics Team*

10/11-5/15

Saint Charles Preparatory - Programming Division, Columbus, OH

Worked as the lead programmer on the varsity robotics team. Used LabVIEW to create code for a robot that utilized a variety of mechanisms, such as pneumatics, CIMs, and real time field tracking using the Kinect. The team advanced to the highest stage of the competition, and performed in the top half of the participants.

### **Other Experience**

Android Development

OHI/O Hackathon

Raspberry Pi Automation

ICPC competition

Unity3D Game Development

Project Euler/Kattis

### **Honors**

Dean's List for Engineering Students 2017

Ohio State Honors and Scholars Program

National Honor Society - Borromeo Chapter

Morril Excellence Scholarship

STEM Exploration and Engagment Scholars

Engineering Dean's Scholarship