

## OBJECTIVE

Computer Science student graduating in May 2019 seeking entry-level Software Engineer role

## EDUCATION

Purdue University

West Lafayette, IN

Bachelor's in Computer Science, Expected May 2019

GPA: 3.73

(Graduating in 3 years)

Coursework: Data Structures and Algorithms, Software Engineering, Senior Project, Analysis of Algorithms, Systems Programming, Operating Systems, Programming In C, Computer Architecture, Virtual Reality Applications, Software Testing

## EXPERIENCE

**VanGogh Imaging**

Consultant (Developer)

May 2016 – Aug 2018 (summers)  
Vienna, VA

- Developed a C++ tool that quantified the accuracy of a 3d scan in comparison to a base reference
  - Allowed the testing team to skip manual visual checks for geometric errors
  - Approved by the marketing team to communicate accuracy with customers

## ACTIVITIES

**Senior Project Course**

Developer

Aug 2018 – present  
Purdue University, IN

- Analyzed computer science student projects for difficult sections and academic dishonesty
  - Determined project direction based on feedback from a professor our data analysis
  - Used Python, Bash, JavaScript, and React on a university Linux distro

**2017 BoilerMake Hackathon**

Developer

Oct 2017  
Purdue University, IN

The 1<sup>st</sup> place project Parks and Wreck where you park cars as fast as possible

- Learned a Java physics library (LWJGL) for the project to give the cars satisfying movement

**Software Engineering Course**

Developer

EnCourse  
Purdue University, IN

- Created a virtual notebook for engineers using a Node.js REST server and a React frontend
- Applied Agile methodologies to ensure the project stayed on course

**Oakton FIRST Robotics Team**

Team Leader

Sep 2013 – May 2016  
Oakton High School, VA

- Lead a team of 10 freshman members to the top 30 in the 2015 FIRST Tech Challenge by setting the project direction, assigning roles, directing mentors, and resolving conflicts

**Taekwondo**

Practitioner

2008 – 2016

- Obtained the level of 2<sup>nd</sup> degree black belt
- Gave public speeches and demos

## SKILLS

Expert in JavaScript. Comfortable in Java, Python, Bash, Batch. Competent at C, C++, Visual Basic.  
Environments: Windows 7/8/10, Ubuntu Desktop/Server