

Alex Stanescu

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Education

Carnegie Mellon University, Pittsburgh, PA

May 2020

Bachelor of Science in Computer Science and Physics

QPA: 3.99/4

Morgantown High School, Morgantown, WV

May 2016

High School Diploma

GPA: 4.38/4

Previous Work Experience

Teacher's Assistant for 15-122 Principles of Imperative Computation, Pittsburgh, PA

Spring 2017-Present

- Helped students learn C by hosting office hours and teaching labs
- Assisted professors in grading assignments and exams

NASA Orion Multi-Purpose Crew Vehicle Dynamic Testing, Fairmont, WV

Summer 2016

Intern

- Updated test scripts for the Orion MPCV to work with new testing framework
- Integrated disparate test scripts and updated the interfaces from Exploration Mission 1 API to Exploration Mission 2 API
- Created testing APIs to decrease the necessary time to create new test scripts in future iterations of the Flight Software

NASA Web Development, Fairmont, WV

Summer 2015

Intern

- Developed a web application to simplify the process of generating reports for NASA Project Managers
- Used the Pylons web development framework to create the web interface for the application
- Tool is expected to reduce time spent on reporting by around 2/3

Skills

Programming Languages: Java, Python, C, Web Development Tools (JS, HTML, CSS, etc), LabVIEW, SML, basic Bash

Applications/Tools: git/GitHub, Vim, various JAVA IDEs, Sublime Text, VMWare Fusion

Activities

Fencing Club, Sabre Fencing Team Member

2016-2017

Robo-buggy, Software sub-team Member

2016-2017

FIRST Robotics Competition, Team 2614 MARS

2012-2017

- Software Mentor **2016-2017**
- Software Lead **2014-2016**
- Testing Lead **2013-2014**
- Member **2012-2016**

Science Bowl, Morgantown High School Team A Member

2013-2016

- 2nd in Group at National Competition **2016**
- 4th in Group at National Competition **2015**
- 13th overall at National Competition **2014**