

Calvin Godfrey

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Objective:

Undergraduate student looking for an internship to improve my software development skills.

Education:

Virginia Polytechnic Institute and State University: Anticipated graduation date – May 2022

Computer Science / Mathematics double major; student in Honors College

GPA: 3.99 Cumulative / 3.99 Major

Chantilly High School: Graduation date – June 2018

GPA: 4.40 Weighted / 4.0 Unweighted

Skills and Certifications:

Software:

- Languages: Python, Javascript, Java, MATLAB, LaTeX
- Tools: Git, Amazon Web Services (AWS), Docker, Jenkins, Terraform, WhiteSource, FOSSA
- Earned DevOps Foundation Certification, issued by the DevOps Institute (July 2019)

Hardware:

- Arduino, basic circuit analysis (took Introduction to ECE Concepts at Virginia Tech)

Work Experience:

- Internship at SAIC (June – August 2018, December 2018 – January 2019, May – August 2019)
 - Enhanced user experience filling out forms using Javascript with React, and implemented test cases using Java and Selenium
 - Developed a Terraform script and configured the authentication permission for the script to automatically stand up an AWS Cloudfront server to host our projects
 - Containerized an existing project and hosted it on AWS using a Jenkins Pipeline
- HackUVA 2019 – Created an iOS app that used Natural Language Processing (NLP) to cluster a user's Google Drive documents into related topics automatically. Won "Best Use of Google Cloud Platform".
- HackDuke 2018 – Created Python server that used Google Cloud's API to parse handwritten text from images sent from website

Activities:

- Member of Virginia Tech's Competitive Programming Team
- Principal trumpet (2019-2020) in Virginia Tech's Wind Ensemble, the university's premier wind band
- FIRST Robotics (4 yrs) – Team 612, Chantilly Robotics
 - Programming Captain (Grade 12) – Led and managed a ten-person software team
 - Website Team Lead (Grade 11) – Developed a team website in coordination with marketing team
 - Software Team Member (Grades 9, 10) – Wrote core functionality for the robot including vision processing and power distribution to hardware
- High School Marching Band (4 yrs)
 - Brass Captain (Grade 12) – Advised brass sections on their music and resolved any conflicts
 - Section Leader (Grade 11) – Ensured all trumpets knew their music and led weekly sectionals
- Grade 10 Science Fair: "Phase Plane Analysis of Vanishing Gradient Problem" in machine learning

Honors:

- March 2019 recipient of the Virginia Tech Aspire! Award for Curiosity by Dept. of Student Affairs
- Chantilly High School Convocation award winner in both Mathematics and Music (2018) in class of 660
- ACT Letter of Commendation (Grade 11) – Achieved maximum composite score of 36 (2,235 out of 2.1M test takers)