
ABOUT

UNIVERSITY OF VIRGINIA – SCHOOL OF ENGINEERING

B.S. COMPUTER SCIENCE / BUSINESS MINOR

CHARLOTTESVILLE, VA
CLASS OF DECEMBER 2019

- Major GPA: 3.63/4.00
- Relevant Coursework: Algorithms, Theory of Computation, Advanced Software Development, Smart Worlds, Program & Data Representations, Discrete Mathematics, Digital Logic Design, Human Computer Interaction

EXPERIENCE

AMAZON WEB SERVICES

SOFTWARE DEVELOPMENT ENGINEER INTERN

SEATTLE, WA
05/18 – 08/18

- Designed and developed Python tool for fleet deployment of IOT devices with AWS Greengrass
- Streamlined install process for AWS Greengrass, reducing setup time by 5X via package management tools

PIETECH, INC.

SOFTWARE ENGINEERING INTERN

RICHMOND, VA
06/17 – 07/17

- Developed standalone client-side Social Security Benefits Calculator utilizing JavaScript (AureliaJS)
- Improved MoneyGuidePro Retirement Planner by refining calculations for life expectancy prediction

THE CAVALIER DAILY

WEB DEVELOPER

CHARLOTTESVILLE, VA
01/17 – 05/18

- Implemented web-scrappers with Python to retrieve demographic data for publication
- Created responsive front end HTML/CSS templates for interactive articles on abcdmag.com

UNIVERSITY OF VIRGINIA

COMPUTER SCIENCE TEACHING ASSISTANT

CHARLOTTESVILLE, VA
08/16 – PRESENT

- Mentored students in analysis of algorithms and data structures in Python and C++
- Improved coding comprehension by refining curriculum for Intro to Computer Science in Python

PROJECTS

MONEY MANAGE

[MONEYMANAGE.IO](#)

- All-in-one budgeting tool with personalized financial plans and interactive graphical outputs
- JavaScript (AureliaJS), Firebase (User Authentication & Database), HTML/CSS

SENTIMENT CHECKER

[ABEYK.COM/SENTIMENT](#)

- Tool that collects and evaluates historical tweet data using sentiment analysis with Python (Flask)
- Winner of University of Virginia Hack for Humanity Hackathon 2018

AIRBAE

[ABEYK.COM/AIRBAE](#)

- Social network for airplane passengers to connect with other travelers based on compatibility
- 3rd Place Overall at the University of Virginia Pike Student Entrepreneur Expo 2017

BREVITY

[ABEYK.COM/BREVITY](#)

- Browser extension that generates webpage summaries and blocks unwanted site elements
- Python (Flask, Natural Language Toolkit), JavaScript (Angular2), HTML/CSS

SKILLS

PYTHON

JAVA

C++

JAVASCRIPT

C

GIT

HTML/CSS