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ABOUT

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**UNIVERSITY OF VIRGINIA - SCHOOL OF ENGINEERING**

*B.S. COMPUTER SCIENCE / BUSINESS MINOR*

CHARLOTTESVILLE, VA  
CLASS OF DECEMBER 2019

- In-Major GPA: 3.6/4.0
- Relevant Coursework: Algorithms, Theory of Computation, Advanced Software Development, Smart Worlds, Program & Data Representations, Discrete Mathematics, Digital Design Logic, Human Computer Interaction

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EXPERIENCE

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**AMAZON WEB SERVICES**

*SOFTWARE DEVELOPMENT ENGINEER INTERN*

SEATTLE, WA  
05/18 - 08/18

- Designed and developed Python API 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-scrapers with Python to retrieve demographic data for publication
- Created responsive front end HTML/CSS templates for interactive article releases on [abcdmag.com](http://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

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PROJECTS

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**MONEY MANAGE**

[MONEYMANAGE.IO](http://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](http://ABEYK.COM/SENTIMENT)

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

**AIRBAE**

[ABEYK.COM/AIRBAE](http://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](http://ABEYK.COM/BREVITY)

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

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SKILLS

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PYTHON

JAVA

C++

JAVASCRIPT

C

GIT

HTML/CSS