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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 2019*

- In-Major GPA: 3.61/4.0
- Relevant Coursework: Program & Data Representation, Web Programming Languages, Computer Architecture, Theory of Computation, Software Development Methods, Discrete Mathematics, Human Computer Interaction

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EXPERIENCE

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**PIETECH, INC.**

*SOFTWARE ENGINEERING INTERN*

RICHMOND, VA

*06/17 – PRESENT*

- 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 – PRESENT*

- Implemented web-scrapers with Python to retrieve demographic data for publication
- Created responsive front end HTML/CSS templates for interactive web articles

**UNIVERSITY OF VIRGINIA**

*COMPUTER SCIENCE TEACHING ASSISTANT*

CHARLOTTESVILLE, VA

*08/16 – PRESENT*

- Mentored students with Java and Python object oriented programming fundamentals
- 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](https://MONEYMANAGE.IO)

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

**BREVITY**

[ABEYK.COM/BREVITY](https://ABEYK.COM/BREVITY)

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

**AIRBAE**

[AIRBAE.ME](https://AIRBAE.ME)

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

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LEADERSHIP

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**WOMEN IN COMPUTING** – Coordinated [Take Back the Night Hackathon](#) to end sexual violence *03/17 – PRESENT*

**HOO APPS** – Headed 4-person team to create localized messaging app utilizing Swift/Firebase *03/17 – PRESENT*

**STUDENT GAME DEVS** – Created 2D open-world game, including assets, utilizing C# and Unity *01/17 – PRESENT*

**RESIDENT ADVISOR** – Supported 500+ students with advising and community-wide programs *08/16 – PRESENT*

**VA POKER ASSOCIATION** – Founded club to host tournaments and discuss poker probabilities *05/16 – PRESENT*

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SKILLS

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PYTHON

JAVA

C++

JAVASCRIPT

GIT

HTML/CSS