

ABEY KOOLIPURACKAL

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ABOUT

UNIVERSITY OF VIRGINIA

B.S. COMPUTER SCIENCE | ENGINEERING BUSINESS MINOR

CHARLOTTESVILLE, VA

CLASS OF 2019

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

EXPERIENCE

PIETECH INC.

SOFTWARE ENGINEERING INTERN

RICHMOND, VA

05/17 – PRESENT

- Developed financial calculators and investing tools utilizing JavaScript (AureliaJS)
- Implemented mock backend API using JavaScript for in-house frontend developers/testers

THE CAVALIER DAILY

WEB DEVELOPER

CHARLOTTESVILLE, VA

01/17 – PRESENT

- Designed front end of Cavalier Daily Web Magazine (launching Fall 2017)
- Implemented web-scrappers with Python to retrieve student demographic data for data visualization

COMPUTER SCIENCE DEPARTMENT @ UVA

TEACHING ASSISTANT

CHARLOTTESVILLE, VA

08/17 – PRESENT

- Improved coding comprehension by refining curriculum for Intro to Computer Science
- Supported students with project design/implementation, and OOP fundamentals in Java, Python

PROJECTS

AIRBAE

COFOUNDER

<http://AirBae.me/>

08/17 – PRESENT

- Developed web app using NodeJS that seats airplane passengers utilizing compatibility algorithms
- Awarded 3rd Place Overall at the Pike Student Entrepreneur Expo 2017

KIN

PROGRAMMER

<https://github.com/AbeyK/Kin>

08/17 – PRESENT

- Worked with team of 15+ to create a full-scale Unity 3D game from scratch including all assets
- Developed modular C# scripts for dynamic in-game environment and related systems

INVOLVEMENT

Women in Computing - Organized Hackathon with theme of sexual assault prevention *03/15 – PRESENT*

HooApps - Developed proof of concept messenger app and mini games for Android *08/16 – PRESENT*

Student Game Developers - Developed with Unity/C# to make various games *03/15 – PRESENT*

Resident Advisor- Provided support for first years; Organized community events *08/16 – PRESENT*

Virginia Poker Association - Cofounder; Platform to discuss and play poker for fun *08/16 – PRESENT*

Phi Sigma Pi - Honor fraternity; Hosted philanthropy events for children's hospitals *08/16 – PRESENT*

SKILLS

Python, Java, C++, JavaScript, HTML/CSS, Git