Steven DiCarlo

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Education

University of Virginia School of Engineering and Applied Science, Class of 2019
Dual Major: Computer Science and Financial Mathematics; GPA: 3.9

Relevant Coursework: Defense Against the Dark Arts (Cybersecurity), Advanced Software Development, Program and Data Representation, Algorithms, Computer Architecture, Artificial Intelligence, Internet Scale Applications, Operating Systems, Compilers, Mathematics of Derivative Securities

Technical Skills

Programming Languages: Python, Swift, Java, SQL, C++, JavaScript
Other Skills: Dialogflow, Lambda, AngularJS, Xcode, GitHub, Firebase, Microsoft SQL Server, Power BI

Work Experience

Capital One, McLean, VA   **Summer 2018**
Software Engineering Intern
- Created a chatbot using natural language processing to allow users to more easily utilize all of the website's available features (Dialogflow, Firebase Functions, AngluarJS)
- Added a page to the Capital One website to allow small businesses to interact with bankers (AngularJS)
- Streamlined form creation process for developers to avoid hard-coding HTML (AngularJS)

WillowTree, Inc., Charlottesville, VA   **Summer 2017**
Software Engineering Intern
- Contributed to a well-known video streaming application and a hotel rewards application on iOS (Swift, Objective C)
- Developed training program to introduce new hires to iOS development and Swift
- Created from scratch an internal iOS app for team members to participate in a company sponsored fitness program (Swift, Firebase)

Impact Business Technology, Sandy Hook, CT   **Summer 2016**
Software Engineering Intern
- Collected and analyzed technician and client data to determine efficiency metrics, customer satisfaction, and client profitability (Java, SQL, Excel and Power BI)
- Developed iOS application to allow technicians to efficiently report client issues and resolutions from their mobile device while at the client's site (Swift)
- Created API to access and modify company database remotely while using iOS application (SQL, C#, and Visual Studio)

Relevant Projects

- Snap Stream
  - Co-developed a location-based photo sharing iOS app during a Hackathon
  - Lead developer for the front end, coded in Swift
- SafeCheck
  - Hackathon app extending SafeTrek's emergency services API for event organizers
  - Lead developer for the front end, coded in React Native

Additional Activities

- Tour Guide for University of Virginia School of Engineering
- UVA Sports Business Society