Skye Doto | Software Developer

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Education

Stevens Institute of Technology | Hoboken, NJ   **Expected May 2021**
Bachelor of Science, Computer Science   *GPA: 3.63*

Coursework: Operating Systems, Concurrent Programming, Database Management Systems, Programming Languages, Computers & Society, Software Development Process, Systems Programming, Computer Organization, Data Structures & Algorithms, Object Oriented Design & Analysis, Project Management, Online Social Networks, Web Development.

Awards: Presidential Scholarship, Dean's List.

Honor Society: Member, Upsilon Pi Epsilon.

Skills

Software Tools: Bash, DC/OS, Docker, Git, Visual Studio, Flutter, React, Angular, NodeJS, MongoDB, .NET Core, Travis CI, GoCD, Jenkins, CircleCI, Nginx, Splunk>, Neo4J, GraphQL, Microsoft Office, Adobe CC

Programming Languages: C#, Python, Java, JavaScript, TypeScript, C, C++, Dart

Operating Systems: Linux, macOS, Windows, Android.   **Certification**: Apple Certified Mac Technician.

Experience

Software Development Intern | Northwell Health   **January 2020–Present**
New York, NY

○ Constructed modules for a Microsoft Bot Framework text bot to assist clinicians in finding patient information quickly.
○ Created adaptive cards to consolidate data from multiple sources to dramatically increase clinician data lookup efficiency.
○ Provided QA support and some development for a react-based mobile application to assist clinicians during rounds.

Development Intern | SPHERE Technology Solutions   **May 2019–November 2019**
Hoboken, NJ

○ Developed Python scripts to translate data from many (40+) structured and unstructured sources into a single format.
○ Communicated directly with clients in order to understand needs, resolve issues, and update progress on deployments.
○ Learned C# and .NET Core rapidly in order to contribute effectively to the primary codebase of our primary product.

Software Development Intern; Release Manager | Virtual Facility, Inc.   **August 2018–January 2019**
New York, NY

○ Implemented Angular components utilizing NgRX stores with ReactiveX observable streams.
○ Managed release pipelines & implemented standards regarding release practices.
○ Created automated code testing pipelines using CircleCI & Github.

Network Engineering Intern | McKinsey & Company   **May 2017–August 2017, January 2018–May 2018**
New York, NY

○ Reverse-engineered old software tools & developed replacement software independently and from scratch.
○ Implemented multiple RESTful APIs to serve as the foundation of future automation services.
○ Created fully automated deployment pipelines using Docker, GoCD, GitHub, and DC/OS.

Projects, Hackathons, and Contests

Google Tech Challenge | 2018   **1st Place**
Worked with a team to solve a series of coding, logic, and lateral thinking puzzles under time constraints.

McKinsey Network State Master | 2017–2018
A GUI and API tool that allows for network engineers to dynamically receive up-to-date network device information.
Later expanded to allow execution of commands across a fleet of varied devices. In production use as of Sept 2017.

Score Tracking Chat Bot | pypi.org/project/GroupMeScoreTracker | 2018
Created a custom bot for GroupMe to track arbitrary "Scores" among my friends. Later ported to Telegram.

Leadership

Torch Alliance: LGBT Social Organization: Treasurer, President   December 2018-March 2019, March 2020-Present
The Stute: Student Newspaper: Systems Administrator   February 2017–September 2019