

Edward Minnix III

Software Developer

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Objective

Seeking a position in the fields of Software Development, Cybersecurity, or DevSecOps.

Education

2019 – 2021 **M.S. Computer Science**, *Stevens Institute of Technology*, Hoboken, NJ.

2016 – 2020 **B.S. Computer Science**, *Stevens Institute of Technology*, Hoboken, NJ.

- Member of Upsilon Pi Epsilon: International Honor Society for the Computing and Information Disciplines

Work Experience

10/2019 – Present **Software Development Intern**, *Unisys*, Blue Bell, PA.

- Worked on the Iris chatbot team developing features for an IT helpdesk chatbot
- Developed localization support for chatbot to better serve a global workforce
- Implemented an alert system so the chatbot could be used as a means of disseminating IT outage announcements
- Created a SharePoint widget to improve navigation on intranet sites

8/2017 – 5/2020 **Course Assistant**, *Stevens Institute of Technology*, Hoboken, NJ.

- CS 135 (Discrete Structures), CS 334 (Automata and Computation), CS 496 (Programming Languages)
- Grade assignments and exams
- Conduct weekly office hours
- Modify and incorporate an automated testing system for weekly programming assignments

5/2019 – 8/2019 **DevOps Intern**, *Unisys*, Malvern, PA.

- Modified and create extensions to existing infrastructure tooling using Chef
- Created a system for virtual machines to send system telemetry to monitoring servers
- Developed a web-based interface for monitoring the status of nodes

1/2019 – 5/2019 **Assistant to the Chief Information Security Officer**, *Stevens Institute of Technology*, Hoboken, NJ.

- Research and compile information to aid in process of policy writing
- Explore and evaluate business options for the Division of Information Technology
- Serve as a proxy between students and Stevens IT in order to find and mitigate security and privacy issues in the university's digital infrastructure

5/2018 – 8/2018 **Software Development Intern**, *Unisys*, Blue Bell, PA.

- Worked on a chatbot to replace usage of internal IT service-desk
- Used the Microsoft Bot Framework and Azure tools
- Helped configure Azure Application Insights for better monitoring
- Added speech recognition to the desktop and Android web pages
- Added a system to automatically generate release notes from the source code's changelog

Leadership Experience

08/2018 – Present **President**, *Stevens Cyber Defense Team*, Hoboken, NJ.

- Lead cyber security related events such as Capture the Flag (CTF) competitions
- Organize on-campus and online events for the club

Skills

Languages	Python, C#, Javascript/Typescript, Bash, C, Haskell, F#, OCaml, Java, Clojure, SQL
Operating Systems	Linux, macOS, Windows
Cloud Platforms	Azure, AWS
Software	Git, Chef, ASP.NET, Microsoft Bot Framework