

KYLE POSLUNS

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Available: January - August 2021

EDUCATION

Northeastern University, Boston, MA

September 2018 - Present

Khoury College of Computer Sciences

GPA: 3.63

- Candidate for a Bachelor of Science in Computer Science, May 2022
- Relevant Courses: Object-Oriented Design, Computer Systems, Networks and Distributed Systems, Algorithms and Data, Foundations of Cyber Security, Database Design, Programming Languages
- Awards: Dean's List, 2018 - Present
- Activities: Vice President of NU Hacks, Husky Ambassador, Intramural Volleyball

SKILLS

- **Database Systems:** MySQL, PostgreSQL, Redis, MongoDB
- **Languages:** Python, Java, Racket (BSL/ISL), SQL, HTML/CSS, C, Bash, x86 assembler
- **Tools and Platforms:** AWS, CircleCI, Docker, Terraform, Git, Datadog, Maven, Selenium, Flask

WORK EXPERIENCE

DevOps Engineer Co-op

January 2020 - August 2020

Indigo Agriculture

Boston, MA

- Designed and implemented process for automatically tagging resources in AWS environments
- Created pipeline for granting developers elevated AWS access for on-call shifts and emergencies
- Developed proficiency for agile practices, professional communication, self-reflection, and remote work
- Supported developers by improving continuous integration and advancing towards continuous delivery
- Performed migrations on services to reduce cost of business operations by over \$800 per month
- Drafted documentation outlining software design, maintenance guidelines, and infrastructure index

Board Member

April 2019 - April 2020

HackBeanpot

Boston, MA

- Collaborated with diverse team, creating hackathon for curious students, hackers, and beginners
- Implemented new website design and updated application portal as part of technical team

Research Assistant

July 2019 - September 2019

Mon(IOT)r Research Group at Northeastern University

Boston, MA

- Reverse-Engineered Amazon's internal Alexa API using man-in-the-middle (mitm) proxy
- Automated scraping Amazon's website for audio recordings generated by Amazon Alexa

PROJECTS

ElytraRace:

April 2020

- Applied object-oriented design and linear algebra concepts to Minecraft mini-game created in Java
- Improved efficiency and playability through basic load-balancing and testing with hundreds of players

CrimePot: (HackBeanpot 2019)

February 2019

Rookie of the Year Award

- Displayed Boston Police data on Google Maps interface using flask framework to handle requests
- Designed to provide attention to disadvantaged areas, requiring increased public resources

INTERESTS

Baseball, IOT, hackathons, Raspberry Pi, improvisation, connecting people to technology, sandwiches