

# KYLE POSLUNS

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Available: January - August 2021

## EDUCATION

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**Northeastern University**, Boston, MA

September 2018 - Present

*Khoury College of Computer Sciences*

GPA: 3.63/4.00

- 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 Sports

## SKILLS

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- **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

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**DevOps Engineer Co-op**

January - August 2020

*Indigo Agriculture*

*Boston, MA*

- Designed and implemented process for automatically tagging resources in AWS environments
- Performed migrations on multiple services to significantly reduce cost of business
- 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
- Enabled developers by improving continuous integration and advancing towards continuous delivery
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**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

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**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

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