

# KYLE POSLUNS

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Available: January - August 2021

## PROFESSIONAL PROFILE

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Third-year college student and engineer with a passion for empowering humanity through technology. Fast learner, challenge-seeker, and self-starter who has experience performing in high-velocity environments.

## EDUCATION

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**Northeastern University**, Boston, MA

September 2018 - Present

*Khoury College of Computer Sciences*

Dean's List | GPA: 3.63

- Bachelor of Science in Computer Science, expected May 2022
- Relevant Courses: Object-Oriented Design, Computer Systems, Networks and Distributed Systems, Algorithms and Data, Foundations of Cyber Security, Database Design, Programming Languages
- Activities: Vice President of NU Hacks, Husky Ambassador, Intramural Volleyball

## SKILLS

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- **Languages:** Python, Java, Racket (BSL/ISL), SQL, HTML/CSS, Bash, C
- **Tools and Platforms:** AWS, CircleCI, Docker, Terraform, Git, Datadog, Maven, Selenium, Flask
- **Other Technologies:** Git, Linux, macOS, Windows, MySQL, PostgreSQL, MongoDB

## WORK EXPERIENCE

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**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
- Supported developers by maintaining and troubleshooting continuous build/deployment systems
- Drafted documentation outlining design and prospective features for DevOps software products

**Board Member**

April 2019 - April 2020

*HackBeanpot*

*Boston, MA*

- Collaborated with a diverse team to create 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 of 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:** *Rookie of the Year Award at HackBeanpot '19*

February 2019

- Displayed Boston Police data on Google Maps interface using Flask framework to handle requests
- Highlighted potentially disadvantaged areas, visualized demand for increased public health resources

## INTERESTS

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