

# Patrick Kuzdzal

## EDUCATION

---

### Boston University

*Master of Science in Computer Science, Specialization in Cybersecurity*

- Expected Graduation: Dec. 2024

Boston, MA

Sep. 2023 – Present

### Boston University

*Bachelor of Arts in Computer Science, Minor in Archaeology*

- GPA: 3.79 | Dean's List Fall 2019 – Spring 2023

Boston, MA

Aug. 2019 – May 2023

## EXPERIENCE

---

### Graduate Teaching Fellow

*Object-Oriented Software Principles and Design*

- Work closely with professor to streamline course experience for around 100 students.

Sep. 2024 – Present

*Boston University*

### Undergraduate Teaching Assistant

*Data Structures*

- Responsible for hosting weekly lab sections and office hours
- Developed a system that automated the grading of assignments for roughly 400 students each semester

Sep. 2021 – May 2024

*Boston University*

### Software Engineer Intern

*Verisk*

- Automated data collection and modified details of distributed system
- Gained experience with the VMware cloud computing platform

June 2023 – Aug. 2023

*Boston, MA*

### Software Engineer Intern

*Verisk*

- Focused on the deployment and configuration of servers for Verisk's risk modeling platform
- Worked with Ansible and Packer to facilitate this automation

June 2022 – Aug. 2022

*Boston, MA*

## PROJECTS

---

### b0nes | *Third Party Assistance Software*

- Developed software to simulate input patterns and counter recoil in the popular game Rust
- Remains undetected by Easy Anti-Cheat EOS.

Aug. 2023 – Present

### Highway Patrol | *BostonHacks*

- Engineered a custom-trained AI model to detect visual signs of impaired driving, integrated into a full-stack application.
- Awards: Innovating with AI

Nov. 2022

### Friendable | *BostonHacks*

- Developed a web app utilizing custom ML models to match users based on questionnaires, providing personalized group, event, and restaurant recommendations to foster community and mental health
- Awards: Best Community Track Hack | Best Use of Google Cloud | Best Use of Twilio API

Nov. 2021

### Class Connect | *WinHacks*

- Developed a real-time classroom engagement website, during COVID-19, enabling anonymous student questions, tagged and monitored via a professor dashboard, with features for quantitative analysis
- Awards: People's Choice Award | Best Use of Google Cloud

Mar. 2021

### Mask Detect | *BostonHacks*

- Implemented software utilizing a custom-trained machine learning model to detect and notify users of improper mask etiquette
- Awards: Best Smart Home Track | Best Use of Google Cloud - Use of any Google Cloud Product | Best Use of Google Cloud - COVID-19 Hackathon Fund | Best Use of Twilio API

Nov. 2020

## TECHNICAL SKILLS

---

**Languages:** Python, Java, C/C++, HTML/CSS, JavaScript

**Frameworks/Libraries:** React, Flask, Dear ImGui

**Developer Tools:** Git, Google Cloud Platform, VS Code, Visual Studio, CodeVirtualizer, Ansible, Packer, Jenkins