

# Mohammad Jihad

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## Education

### HARVARD UNIVERSITY

Bachelor of Arts - BA, Computer Science  
Men's Lightweight Rowing

Cambridge, MA  
2024 – 2028

### CAMBRIDGE RINDGE & LATIN SCHOOL

Cambridge, MA  
2020 – 2024

## Experience

### CITY OF CAMBRIDGE

#### Cambridge Youth Council

Nov 2020 – May 2024

- Worked alongside the mayor and city councilors of Cambridge to enact policy changes to address issues in my local community
- Raised over \$56,000 for community COVID-19 relief, unhoused neighbors, nonprofits
- Successfully advocated for a bill granting free access to Bus / Train cards for high school students

### MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

#### System-wide Radio Technician

Jun 2023 – Aug 2023

- Experience maintaining MBTA's EDACS radio system
- Harris portable radio repair and programming / Control head repairs
- Walk-in repairs
- Installation and setup of radio equipment such as Bi-Directional amplifiers and antennas
- Routine checks and maintenance of various MBTA base stations; Monitor system alarms and alerts
- RF amplification solutions for tunnels
- Collaboration with different organizations and contractors such as L3Harris Technologies

### CENTER FOR ASTROPHYSICS | HARVARD & SMITHSONIAN

#### Research Intern

Sep 2021 – May 2022

- Conducted scientific research under Ph.D. researcher Ryan Cloutier focusing on the detection of exoplanets smaller than Neptune and orbiting M dwarf stars using data from the NASA TESS satellite
- Connected exoplanets to young moving groups of stars to estimate their age

### E1T1 TECH

#### Tech Intern

Jul 2022 – Aug 2022

- Developed and maintained various client sites

## Awards

### EasyA x Polkadot Harvard Hackathon, 2nd place / 300+

- Successfully competed in a 36 hour hackathon, where my team and I went up against 300 of the best web3 developers at Harvard. We worked for 36 hours straight building a web3 game built on the Polkadot network. By the end of the hackathon we had built something that secured us a second place finish!

### 2025 Eastern Sprints (EARC), Rowing National Champion

- Coxed the 3V 8 that became Eastern Sprints Champions for the first time since 2009. Despite the fact that every crew in the final had beaten us previously in the season, we never hesitated, winning by open water on all crews!