

# Rohan Biju

Boston, MA | (781) 363-1660 | rohanbijuboston@gmail.com | [LinkedIn](#)

Availability: July - December 2025

## EDUCATION

**Northeastern University**, Boston, MA

Expected May 2027

*Khoury College of Computer Sciences*

*Candidate for a B.S. in Computer Science*

**GPA: 3.78/4.00**

**Activities & Honors:** Dean's List | Honor's Scholarship | Code4Community | OasisNEU | Fencing

**Relevant Coursework:** Algorithms & Data Structures, Object-Oriented Programming, Mathematics of Data Models, User Experience Design, Web Development

## COMPUTER KNOWLEDGE

**Languages:** Python, Java, HTML, TypeScript, JavaScript, CSS, R, SQL, Racket

**Tools & Frameworks:** React, Node.js, Bootstrap, Tailwind CSS, Figma, Framer, pandas, NumPy, SciPy

## EXPERIENCE

*Product Designer, Code-4-Community, Boston MA*

August 2024 – Present

- Guide product team vision and execution by collaborating with design and development teams to create wireframes, design products, communicate requirements, and refine Minimum Viable Products through iterative testing processes.
- Ensured product alignment with nonprofit goals by conducting stakeholder interviews and translating organizational requirements into actionable design specifications that balanced user needs with mission objectives.
- Enhanced user accessibility and engagement by partnering with Boston non-profit organizations to design and deploy user-centric digital solutions that improved community outreach and service delivery.

*Full-Stack Developer, TUNUL, Boston MA*

January – May 2024

- Built mapping application using Dijkstra's algorithm to navigate confusing tunnel system at Northeastern
- Attracted more than 500 students on launch day through club promotion.
- Completed project on time while fostering collaborative environment after devising plan covering concept, development, and rollout processes.
- Aligned application with user needs by creating survey target, distributing across social media, and gathering 1,245 responses.

*Biostatistics Intern, Harvard T.H. Chan School of Public Health, Boston MA*

June 2022 – August 2022

- Streamlined data process and aided in identification of key genetic drivers and processes in pancreatic cancer by developing bioinformatics pipeline using Python and performing differential analysis on condition-specific networks to provide robust method to analyze and interpret vast biological data.
- Enhanced project effectiveness by building relationships with lead researchers at Biostatistics Department.
- Utilized pancreatic cancer data set (PAAD) to test new method for analyzing genomic data.

## PROJECTS

*Ping Flood Disaster Management Application*

2021-2023

- Designed flood disaster management app using crowdsourced mapping to centralize communications between victims and responders, preventing misinformation spread during emergency situations.
- Developed front-end Android application using Java and XML in Android Studio, creating an intuitive interface optimized for high-stress emergency use cases.
- Implemented back-end infrastructure using Firebase, JavaScript, and Node.js to handle real-time data synchronization and secure user authentication.
- Won 2021 Congressional App Challenge and recruited over 275 users across India and the United States for application testing and feedback.

## Extracurriculars

**Athletics:** Club Fencing, Soccer, Long distance running

**Hobbies:** Tech Content Creation, Film Editing, Product Design