

Kuba Rozwadowski

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EDUCATION

Boston University

Expected May 2026

B.A. in Computer Science, Minor in Innovation & Entrepreneurship

Boston, MA

- **GPA:** 3.8/4.0
- **Relevant Coursework:** Data Structures, Algorithms, Computer Systems, Linear Algebra, Discrete Mathematics

EXPERIENCE

Computer Science Instructor

Oct 2024 - Present

Loop

Boston, MA

- Conducted 6 immersive workshops in Boston, introducing computer science principles to over 150 middle and high school students, with 80% of participants demonstrating increased proficiency in foundational coding skills
- Designed real-world coding exercises, achieving a 25% improvement in student comprehension and engagement

Energy Storage Innovation Intern

June 2024 – Present

Smart Electric Power Alliance

Remote

- Developed a Streamlit-based data analysis tool for electricity net metering, integrating EIA-861M CSV files and EIA API data, improving user interaction and data accessibility, and increasing data retrieval efficiency by 30%
- Optimized backend processing with openpyxl, leveraging Pandas and Plotly to create dynamic tables and visualizations, enabling analysis of 50+ variables across 12,000+ data points
- Researched and co-authored an energy storage blog article for SEPA's 1,000+ member organizations, focusing on the Department of Energy's Energy Earthshots initiative and its implications for the industry

Software Developer

Feb 2024 – Present

BostonHacks

Boston, MA

- Collaborated on developing BostonHacks's website using React.js, designing the registration and ticketing system that processed over 500+ applicants, improving event management efficiency
- Created an interactive Boolean logic gate game in Python within a team of 3, leading to its integration on the organization's website, which enhanced applicant engagement

Web Developer and Event Organizer

Aug 2022 – June 2024

Leaf of Hope Foundation

Boston, MA

- Designed and developed an online art portfolio using Shopify with custom JavaScript and CSS code to support donations, facilitating a 35% increase in the nonprofit's revenue
- Organized 3 art showcases, including a major event at Artists for Humanity, attracting over 300 attendees and raising \$53,000 for the First Medical Union in Lviv, Ukraine

Data Analyst Intern

June 2021 – Aug 2021

State Street

Remote

- Streamlined loan data processing by developing a Python script for data analysis, reducing processing time by 50% and improving data accuracy, enabling quicker decision-making
- Delivered financial presentations to stakeholders using PowerPoint, enhancing communication of key loan metrics

PROJECTS

Fitty Friends | *FastAPI, TerraAPI, React Native, Swift, Tune AI, DALLE2*

- Developed an iOS fitness app at HackMIT using React Native and AI/LLM integration, enabling users to create and interact with virtual pets based on fitness goals, while implemented personalized AI-driven reminders
- Incorporated TerraAPI to allow users to connect wearables and fetch 250+ fitness data points on a daily basis

Presiguess | *FastAPI, Vue.js, MongoDB*

- Designed and developed a presidential guessing game using FastAPI, Vue.js, and MongoDB, enabling users to engage with over 130 historical categories, with a dynamic grid system ensuring accurate and interactive gameplay
- Streamlined presidential data management with MongoDB for a fast, scalable guessing experience

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS, JavaScript, C, Swift

Frameworks & Libraries: FastAPI, Vue.js, React.js, Streamlit, openpyxl, Plotly