

JEREMY BUI

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EDUCATION

Boston University *Expected May 2025*
Master of Science in Computer Science GPA 3.83/4.00

Boston University
Bachelor of Arts in Computer Science Deans List, GPA 3.78/4.00

- Extracurricular Activities: Hack4Impact, Junior Development, Cybersecurity Association
- Relevant Coursework: SWE in Cloud (GCP), Mobile App Development, OOP, Full Stack Dev, Database Management, Information/Unix Security, OS, Application ML, SWE Practicum, Data Science (Python)

EXPERIENCE

SAS Institute *May 2023 - Current*
Software Engineer Year-Round Intern

- Fulfill ~8 Jira tickets each sprint for internal integration of DevSecOps tools (Snyk, SBOM, Prisma, Twistlock)
- Develop functional/unit tests in GO for CI/CD pipeline tooling, improving test coverage by 80% for SBOMs
- Automate RESTler fuzzing tool with GitHub Actions to assess 100+ SAS REST APIs with HTML/CSS output
- Present Kyverno Python automation to view Kubernetes pods for compliancy using PSA and NIST standards

Cybersecurity Association (Club) *Aug. 2023 - Current*
President

- Lead technical project for OWASP Amass collaboration to create dynamic HTML results outputs using GO
- Create 1-2 monthly workshops and networking events, increasing association membership by 50% year-to-date

Microsoft *May 2022 - Aug. 2022*
Data Center Technician

- Deployed, maintained, and decommissioned servers for ~7 daily tickets with GDCO ticketing system
- Streamlined NO POST server malfunctions with PuTTY and minimum configuration debugging

Hack4Impact (Club) *Aug. 2021 - Jan. 2022*
Software Engineer

- Implemented video features for a PWA learning platform with 10+ modules and 50+ users using React.js
- Developed video upload and content management with Node.js and MongoDB, supporting 100+ user sessions

PROJECTS

Outfit of the Day | *Kotlin, NoSQL, Figma* *Jan. 2024 - May 2024*

- Kotlin-based mobile app enabled users to generate an outfit based on weather conditions, wardrobe, events, etc
- Implemented wardrobe Firebase and image-to-text with Google Cloud Vision, configuring to 90% accuracy
- Designed front-end of 80% of the app (home, wardrobe, generator) using Jetpack Compose UI and Figma

MA Senator Markey's Earmarks | *Python, XGBoost, Tableau* *Jan. 2024 - May 2024*

- Developed Tableau dashboard for fund allocation analysis, reducing manual analyzation time by 50%
- Designed XGBoost prediction of budget-given demographics and request reasoning, achieving 80% accuracy

Muncher | *C#, .NET, Playwright* *Aug. 2023 - Dec. 2023*

- Web app to algorithmically discover restaurants using Blazor/.NET, C#, YelpAPI, and Playwright web scraping
- Scrum master of a 4-member team, assigning Trello ticket sprints for frontend, backend, and database efforts

GraphQL Vulnerability Web Crawler | *Python, OWASP* *Aug. 2023 - Dec. 2023*

- Scanned for OWASP and 20+ CVE vulnerabilities given a GraphQL endpoint (voted the best project)
- Utilized web crawler to explore ~300 potential endpoints with Python Scrapy library

SKILLS & CERTIFICATIONS

- **Languages:** Python, Golang, Bash, Java, Kotlin, SQL, C, C#, React.js, HTML/CSS, Javascript, Node.js
- **Tools/Methodologies:** Git, GitHub Actions, Agile, Waterfall, AWS, Firebase, Jira, Docker, Kubernetes, CI/CD
- **Certifications:** AWS DevOps Professional [DOP-C02](#) | CompTIA Security+ [SY0-601](#) | AWS CCP [CLF-C02](#)