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, Applicational 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

Hack4Impact (Club)   *Aug. 2022 - Jan. 2023*
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

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

PROJECTS

NutriTerrier | *Python, FastAPI, React.js, PostgreSQL, Scrapy*   *Aug. 2024 - Current*
- Scrape 300+ BU dining hall options with Python Scrapy and FastAPI to create personalized weekly meal plans
- Rendered personalized plans with React.js, fetching user fitness data and meals from PostgreSQL

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

SKILLS & CERTIFICATIONS

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