

JEREMY BUI

Website: <https://bui-jeremy.github.io> | jeremybui2002@gmail.com | +1 (224) 806-8242

EDUCATION

Boston University	<i>Expected May 2025</i>
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
<ul style="list-style-type: none">Extracurricular Activities: Hack4Impact, Junior Development, Cybersecurity AssociationRelevant 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	<i>May 2023 - Current</i>
<i>Software Engineer Year-Round Intern</i>	
<ul style="list-style-type: none">Fulfill 5+ 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 SBOMsAutomate RESTler fuzzing tool with GitHub Actions to assess 100+ SAS REST APIs with HTML/CSS outputPresent Kyverno Python automation to view Kubernetes pods for compliancy using PSA and NIST standards	
Cybersecurity Association (Organization)	<i>Aug. 2023 - Current</i>
<i>President</i>	
<ul style="list-style-type: none">Lead contribution to flagship OWASP Amass to create documentation, HTML output, and vulnerabilities in GOCreate 1-2 monthly technical workshops and networking events tailored for ~15 active members	
MA Senator Markey's Budget Earmarks (Organization)	<i>Jan. 2024 - May 2024</i>
<i>Data Engineer Team Lead</i>	
<ul style="list-style-type: none">Developed Tableau dashboard for fund allocation analysis, reducing analyzation time by 50% with PythonDesigned XGBoost prediction of budget-given demographics and request reasoning, achieving 80% accuracy	
Hack4Impact (Organization)	<i>Aug. 2022 - Jan. 2023</i>
<i>Software Engineer</i>	
<ul style="list-style-type: none">Implemented video features for a PWA learning platform with 10+ modules and 50+ users using React.jsDeveloped video upload and content storage with Node.js and MongoDB, supporting 100+ user sessions	
Microsoft	<i>May 2022 - Aug. 2022</i>
<i>Data Center Technician</i>	
<ul style="list-style-type: none">Deployed, maintained, and decommissioned servers for ~7 daily tickets with GDCO ticketing system and CLI	

PROJECTS

NutriTerrier <i>1st place, BostonHacks 2024</i> <i>Python, FastAPI, React.js, MongoDB</i>	<i>Oct. 2024 - Current</i>
<ul style="list-style-type: none">Scrape 300+ BU dining hall options with Python and Terraform to create personalized weekly meal plansDynamic front-end designed with Figma and React.js, integrated with FastAPI backend and MongoDB database	
Outfit of the Day <i>Kotlin, NoSQL, Figma</i>	<i>Jan. 2024 - May 2024</i>
<ul style="list-style-type: none">Kotlin-based mobile app enabled users to generate an outfit based on weather conditions, wardrobe, events, etcImplemented wardrobe Firebase and image-to-text with Google Cloud Vision, configuring to 90% accuracyDesigned front-end of 80% of the app (home, wardrobe, generator) using Jetpack Compose UI and Figma	
Muncher <i>C#, .NET, Playwright</i>	<i>Aug. 2023 - Dec. 2023</i>
<ul style="list-style-type: none">Web app to algorithmically discover restaurants using Blazor/.NET, C#, YelpAPI, and Playwright web scrapingScrum 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](#)