

Eric Bratu

714-732-0547 | Gainesville, FL | [Web Portfolio](#) | [E-mail](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Florida

Bachelor of Science in Computer Science

- **GPA:** 3.55/4.0

Aug. 2022 - May 2026

Gainesville, FL

EXPERIENCE

Software QA Engineer Intern, Arthrex

May 2025 - Aug. 2025

Skills used: C#, Python, Git, Bitbucket, Jenkins, Selenium, Redis, Agile scrum

Santa Barbara, CA

- Collaborated in an Agile SDLC to ensure high-quality surgical software delivery through cross-functional communication with PMs, developers, and leadership
- Leveraged a C# & Selenium test framework, developed logic for test cases to increase automation coverage by 20%
- Expanded Jenkins pipeline to increase test automation efficiency by 5% daily
- Cross-managed device code repositories using Git and Bitbucket, facilitating efficient version control

Software Engineer Intern, Village of Tequesta

May 2023 - Jul. 2023

Skills used: C++, JavaScript, DynamoDB, REST APIs, Libcurl, Agile scrum

Tequesta, FL

- Developed a C++ automatic data transfer program of employee info from local systems to DynamoDB storage, reducing manual workload
- Utilized Libcurl to process data alongside the employee timesheet software's REST API
- Created an automated subsystem to export data into Excel, enhancing H.R. reporting capabilities
- Deployed the program facility-wide, leading to adoption by 100+ employees and achieving an 83% satisfaction rate, ultimately increasing operational efficiency company-wide

PROJECTS

Someplace Else

Oct. 2024 - May 2025

Skills used: JavaScript, AWS Lambda, API Gateway, DynamoDB, S3, React.js

- Developed a full-stack serverless web app using AWS Lambda and API Gateway for backend and DynamoDB for data storage, enabling users to share and explore geotagged locations
- Created an interactive map frontend with Leaflet.js by creating custom React components for map rendering and user interactions
- Accomplished geospatial data storage using DynamoDB, indexing with Leaflet.js, and S3 for image storage
- Used GitHub Actions to enable CI/CD for automated deployments

Amazon Echo Canvas Assistant

Jun. 2024 - Sep. 2024

Skills used: Python, AWS Lambda, API Gateway, Canvas REST API

- Designed a voice-enabled Echo skill for accessing student Canvas schedules using Python and AWS Lambda.
- Utilized Canvas' LMS REST API for immediate schedule information retrieval.
- Enabled serverless processing using AWS Lambda and handled Canvas API requests with API Gateway.
- Implemented secure login to manage user permissions and protect sensitive academic data.

LEADERSHIP

DevLUp UF Branch Secretary

Aug. 2023 - Mar. 2024

Skills used: Team leadership, Project management, Technical proficiency

Gainesville, FL

- Organized game development-related events such as socials, game jams, and speaker events for ~300 members.
- Conducted technical workshops and lectures on game development techniques, helping members learn new skills and broaden their expertise.

TECHNICAL SKILLS

Languages: Python, C++, C#, JavaScript, HTML/CSS, SQL, Batch script

Tools: Agile scrum, Git, Node.js, Selenium, AWS Lambda, DynamoDB, AWS API Gateway, REST APIs, Redis, S3, Bitbucket, Figma

Libraries/Frameworks: Django, React, Pandas, Axios, Libcurl, Amazon ASK SDKs, Bootstrap, Leaflet.js