Mustafa Bolat

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Work Experience

Software Developer, Southern Connecticut State University – New Haven, CT   January 2025 – Present
- Enhanced accessibility compliance across the Connecticut state college system by developing an ADA tracking application with **Adobe PDF Services API**, processing 1000s of documents
- Upgraded over **30 web pages and forms** with new styling and **responsive CSS**
- Designed a school calendar component and accompanying generation tool for filtering **200 calendar dates** using in **Drupal 8** using **Datatables.js** and **Bootstrap**
- Configured applications running on **Apache Virtual Hosts** on **Linux**

Projects

Calypso Blue e-commerce website - Project Lead   store.cbpsbackend.fyi
- Led a 4 student intern team in developing a full-stack e-commerce site for Calypso Blue Pool & Spa
- Deployed and connected mulitple cloud services such as **AWS S3**, managed **PostgresSQL**, Vercel, and Heroku

LocalReason   github.com/Mooshiiee/LocalReason
- Open-source Gen AI prompt enhancement tool for local
- Developed using local-first principles on **ReactJS**, **FastAPI (Python)**, and **Ollama** for local LLM inference

Menü   github.com/Mooshiiee/menu
- Cross-platform menu sharing platform with **React Native** on Expo and **Django** REST Framework
- Developed a **JSON-based** menu creation tool with semi-structured data in **SQLite3** for dynamic object storage

csweekly   csweekly.xyz
- Web application to host weekly coding challenges built for the SCSU Computer Science Club
- Utilizes a **Go** backend along with **TailwindCSS** and **TursoDB** Database

Education

Southern Connecticut State University – BS in Computer Science, Minor in Mathematics   May 2025
- BS in Computer Science, Minor in Mathematics
- 3.5 GPA, Deans List, Latin Honors
- Secretary, SCSU Computer Science Club

Basta Software Engineering Program   March 2025 — Present
- Selected from a highly competitive applicant pool to engage in 10 weeks of pair programming and mentorship with a Google Software Engineer to prepare for technical interviews

Skills

Backend: Node JS, Python, Go, Java, Django, SQL, REST APIs, MVC
Frontend: TypeScript, ReactJS, React Native, HTML, CSS
Cloud/DevOps: GCP, DigitalOcean, Linux, Heroku, Git

Leadership and Activities

Participant, International Collegiate Programming Contest   November 2023 — Present
Secretary, Turkic Society   January 2025 -– May 2025