

Jake Gustin

Tewksbury, MA 01876
+1 (978) 987-1051
jakegust2020@gmail.com

EXPERIENCE

Boston University — *Courseware Developer*

May 2024 - August 2024

- Developed educational simulation software for a class of 300+ students with Bash, Python, and C.

Boston University — *Research Assistant*

January 2024 - May 2024

- Explored CPU energy savings in distributed workloads.
- Used Bash & Python to collect data and produce visualizations.

Boston University — *Teaching Assistant*

August 2023 - May 2024

- Led low-level programming discussions among 60 students.
- Held office hours & answered questions online for 300+ students.

Microsoft (Nuance Comm.) — *Software Engineering Intern*

June 2023 - July 2023

- Developed a proof-of-concept project with an agile sprint workflow to optimize cloud deployment procedures for clients.
- Key contributions in CI/CD and Infrastructure as Code with Azure.

EDUCATION

Georgia Tech — *Master's in Computer Science*

August 2025 - Present

- Official Specialization: Computing Systems

Boston University — *Bachelor's in Computer Science*

September 2020 - May 2024

- University & Major-Specific GPA: 3.82
- Secondary degree in Film & TV via Dual Degree Program

PROJECTS | Portfolio: <https://jakegustin.github.io>

Jade — *Developed with Python and Javascript*

Enhanced open-source software from MIT to implement autosave functionality and to make schematics compatible with autogradeders.

SKILLS

Proficient Languages: Bash, Python, C, C++, JavaScript

Familiar Languages: C#, TypeScript, Go, Rust, Java

Tools: GitHub Workflows, Terraform, Docker, Git, Apache Flink

Frameworks/Libraries: Pandas, NumPy, Flask, Pytest, Node.js, React.js, Tailwind CSS, Vue, Vite, Jest, Catch2

Databases: Firebase, PostgreSQL, MongoDB

Cloud Platforms: Azure Container Apps, Azure Cosmos DB, Azure Pipelines, Azure Static Web Apps, AWS Lambda

HONORS AND AWARDS

Cum Laude (CS): GPA in the top 30% of all students in the College of Arts and Sciences

Cum Laude (Film/TV): GPA in the top 30% of all students in the College of Communication

Dean's List (3x): Exceptional academic performance across three semesters

REFERENCES

Available Upon Request