

Galen Ferrara

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Summary:

Full-stack software developer with experience in production environments. Professional experience with a variety of programming languages. Interested in usability of devices and applications.

Skills:

LANGUAGES - Java, Kotlin, TypeScript, Node.js, C, HTML, SQL, PHP, Python

SOFTWARE - Microsoft Azure, Adobe Suite, Excel, Git, Selenium, Linux, Java Build systems (Maven/Gradle)

SOFT-SKILLS - Adept in High-Pressure, Public Speaking, Presentations (powerpoint), Teamwork

Work Experience:

Granite Associates Inc., Liberty, NY, USA – *IT Intern* - 2023 - 2024

Sole IT intern at a New York-based multi-billion dollar investment firm for 2 years, earned experience in IT and software development.

- Developed web based media organization system using Python, and JavaScript, and an Agile development strategy, successfully tested in production with over 1.5 tb of photos, resulting in \$2,000/year in savings.
- Redesigned web based employee review system greatly improving employee-supervisor feedback, using JavaScript and hosted on Azure webapps.
- Managed 500+ terminal networks at external venues, hands-on experience with hardware and networking devices, high risk environments with a flawless record.
- Set up and maintained large-scale security systems including cameras, motion sensors, and network.
- Built a custom web based TV remote using Samsung's MagicInfo API and Javascript.

Bethel Woods Center for the Arts, Bethel, NY – *Various Roles* - 2020 - 2022

Historic 20,000-person amphitheater and cultural center, promoted from parking attendant to operations and management over 2 years, eventually being recruited to the parent company, Granite Associates.

Thrived under high-pressure conditions and strict "no fail" deadlines, I honed my teamwork and customer engagement skills.

Education:

University of Nottingham, United Kingdom / Malaysia

B.Sc. (Honours) in Computer Science, 2022 - 2025 | 1:1 Expected

- **Key Coursework:**
 - Web Development: HTML, CSS, JavaScript, SQL, MySQL, PHP
 - Networking & Cloud Computing: Azure, Docker
 - Mobile Development: Kotlin, Java, Android, Linux Development
 - Product Management: Automated Testing, DevOps, and Atlassian suite
- **Key Projects:**
 - Developed IoT petfeeder robot with web based controls using Azure Web Apps. [Grade: 1:1]
 - Dissertation: Engineered from scratch, a performance-oriented, custom Android launcher designed for healthy engagement. [Ongoing]
- **International Experience:** Enhanced soft skills in a diverse, global environment.

SUNY Empire State University, Saratoga Springs NY

Associates of Science in Science, Mathematics, and Technology, 2016 - 2021 | 3.65 GPA (2:1)

Associates degree focused on quantitative maths, statistics, and networking.