

# Brian Alterescu

## Programming Analyst

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github.com/brianalterescu

### EDUCATION

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**Bachelor of Science in Computer Programming & Information Systems,**  
*Farmingdale State College*  
GPA: 3.84 | President's List

12/2025 | Farmingdale, NY

### TECHNICAL SKILLS

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**Languages** – Java, CSS, HTML, Python, jBASE, Javascript, PHP, SQL

**Relevant Courses** – Unix Operating Systems, Data Structures & Algorithms, Programming Logic, Web Database Development

**Software and OS** – Windows 10, Visual Studio Code, Unix, Firebase, Microsoft Office, AccuTerm, FileZilla, Multivalue Databases, Google Cloud, Cloudflare Workers, AI Tool Proficiency

### PROFESSIONAL EXPERIENCE

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**Programming Analyst Intern,** *Sunrise Credit Services, Inc* ☺

01/2025 – 09/2025 | Melville, NY

- **Machine Program Analysis Tool:** Developed a jBASE-based web application that integrated with internal APIs to analyze machine programs, providing installation status, checksums, modification history, and usage metrics to support system reliability
- **File Documentation System:** Built a jBASE-powered web tool for managing and searching file metadata, featuring AJAX-driven real-time search and file description functionality to streamline internal documentation processes
- Implemented full-stack functionality using **HTML, CSS, JavaScript, PHP, and AJAX**, ensuring accurate data retrieval and a seamless user experience across both applications
- Collaborated closely with the Programming Manager to troubleshoot technical issues, optimize workflows, and support efficient development and deployment processes

**Summer Intensive Student,** *All Star Code* ☺

07/2020 – 08/2020

- Selected for **All Star Code's 2020 Summer Intensive Coding Program**, a competitive program focused on software development and computer science fundamentals
- Built web-based projects using **HTML, CSS, JavaScript, Fetch API, and JSON**, applying core programming and problem-solving concepts
- Strengthened professional skills including **public speaking, technical presentations, pitching ideas, collaboration, and critical thinking**
- Received one-on-one mentorship from a **Software Engineer at Goldman Sachs**, gaining exposure to industry best practices and career guidance

### PROJECTS

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**Fund Flow** ☺, *Capstone Project | Farmingdale State College*

- Developed a full-stack web application for tracking income and expenses, enabling users to create, edit, and analyze financial transactions through interactive data visualizations
- Implemented social engagement features, including post creation and like functionality, to support user interaction within the platform
- Built dynamic spending goal functionality that automatically updates based on real-time transaction data, allowing users to monitor progress toward financial targets
- Led front-end architecture, UI design, and responsive layout implementation to deliver a modern, intuitive user experience across devices

**Scent Seeker** ☺, *Summer Intensive Project | All Star Code*

- Led a team of three developers in the design and development of a web-based product catalog application for showcasing fragrances
- Integrated the eBay Developer API to dynamically fetch and display real-time product data, including pricing and availability
- Collaborated on front-end and back-end integration to ensure responsive performance and a seamless user experience

### CERTIFICATES

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**Python** ☺  
by Kaggle

**Intro to AI Ethics** ☺  
by Kaggle