# SIENNA K BROWN

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## EDUCATION

**Irvine, CA**     **University of California, Irvine (UCI)**     Fall 2019 - Fall 2021
- **Major**: B.S. Computer Science
- Specialization in Intelligent Systems
- **Programming Coursework**: Data Structures, Computer Networks, Artificial Intelligence, Computer Game Development, Machine / Data Mining, Quantum Computing, Information Retrieval

## TECHNICAL SKILLS

- **Languages:** Java, C++, C#, C, Python, JavaScript
- **Web & Database:** HTML/CSS, jQuery, MySQL, SQL Server (SSMS)
- **Frameworks**: Node.js, React, Vue, Express, Bootstrap, WPF/.NET Core, Flask
- **Technologies:** Git, Linux, Blender, Unity 3D, Unreal, Photoshop, Illustrator, Visual Studio, VSCode, Vim

## WORK EXPERIENCE

### FactSet - Software Engineer I     March 2022 - Current
*An American financial data and software company which creates flexible, open data and software solutions for over 162,000 investment professionals around the world*
- Developed from scratch a web application providing financial data analytics from using Figma mockups
- HTML, CSS, JavaScript, Vue, Git

### CannonDesign - Application Developer     June 2021 - February 2022
*A global architecture company named as one of the most innovative design firms in the world*
- Lead the Application Development branch within the core of the firm's technology department
- Implemented novel software applications and tools with direct oversight from CTO
- Built an automated tool with C# and T-SQL to extract modeling data and export to database
- Solely responsible for the development of TAS (Tip App Stack), an internal custom built Windows .Net C# application library used by 100+ architects to improve 3D modeling efficiency by 20-30%
- C#/XAML, ASP.NET Core, MVVM, T-SQL, SQL Server (SSMS), Full Stack development, Git

### Web Developer     March 2021 - June 2021
- Developed a user-friendly and intuitive static website from scratch for a local business which features responsive web design, attractive UI, and customer reviews
- Accurately translated client requests and increased site traffic by 30%
- HTML, CSS, Bootstrap, Git

## PROJECT EXPERIENCE

### Search Engine     October 2021
- Implemented a web interface search engine using python and Flask which parses tens of thousands of documents of HTML and returns query results quickly and efficiently

### Personal Portfolio Website     April 2020 (Ongoing)
- Designed a personal website that features an in-browser OS-like user interface with functional desktop icons and command-line emulator
- HTML, CSS, JavaScript, React, Git