

Brian Chang

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EXPERIENCE

DAC Bond

Orlando, FL

Software Engineer

May 2024 - Present

- Maintained and expanded large-scale Angular web applications with added mobile support
- Designed RESTful APIs using .NET and Entity Framework enabling data connection across web services
- Integrated Adobe PDF Extract API with Python to automate PDF parsing and document analysis
- Enabled secure file uploads to AWS S3 with credentials stored in Oracle DB and SQL tables

Software Engineer Intern

January 2024 - May 2024

- Created new designs and code for new pages and components in Angular web applications
- Maintained and created tables in Oracle DB to handle multiple user types and data
- Tracked user information of issuers, investors, and primary accounts on the municipal data server

L3Harris Technologies

Fall River, MA

Software Engineer Intern

May 2023 - August 2023

- Developed code for the new ECM Motor in the AUV Simulator using Unity and C#
- Created map generation GUIs to assist navigation when testing AUV movement in different environments
- Implemented noise algorithms to create various height maps for testing AUV sensory and motor features
- Designed mission control interfaces in C# using .NET and WPF in Visual Studio

Evercore Technology Partners

Remote

Software Engineer Intern

November 2022 - May 2023

- Developed responsive and full-stack web applications for clients using Laravel and Blade
- Enhanced user experience and implemented UI features with HTML and CSS and jQuery
- Participated in pull requests and resolving issues while making contributions in GitHub workspaces

PROJECTS

Dr Hemo's Great Escape | Angular, Typescript .NET Core, SQL, Azure, Unity, Blender, C#, Meta

- A VR escape room built in Unity where the objective is to find Dr. Hemo by solving puzzles
- Implemented an Admin portal built using Angular and .NET to view data stored in SQL tables
- Constructed rooms using Unity engine and Blender models and used Meta API for VR development
- Utilized Azure to host an SQL database where user activity was tracked and monitored

EDUCATION

University of Central Florida

Orlando, FL

Bachelor of Science in Computer Science

GPA: 3.4

Expected Graduation: Summer 2025

SKILLS

Python, C, C++, C#, Java, HTML, CSS, JavaScript, TypeScript, Go, PHP, jQuery, Angular, React, Laravel, SQL, MongoDB, Azure, .NET, Unity, GitHub, Visual Studio