https://dapirra.github.io

David Pirraglia

Located in Suffolk County, NY
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Employment:

Software Engineer at Netsmart since May 2021.

Tutored Computer Science for Suffolk County Community College for 3 semesters.

Interned for the Stony Brook Garcia Program maintaining their website for 6 months.

Education:

Bachelor's Degree in Computer Science from St. Joseph's College.
Cumulative GPA: 3.57

Associate's Degree in Computer Science from Suffolk County Community College (SCCC)
Major GPA: 4.0
Cumulative GPA: 3.5

Skills:

HTML5, CSS3, JavaScript, Angular, SCSS, Typescript, jQuery, JSON, XML, Python, Java, Kotlin, Android, Swift, C#, LessCSS, PHP, MySQL, SQLite, PL/SQL, Selenium, Markdown, LaTeX, AutoIt, AutoHotkey, MIPS Assembly, Linux, Git, PowerShell, Bash, Regex, IntelliJ, PyCharm, Visual Studio Pro, VS Code, Tampermonkey, Userscript, CoffeeScript, VirtualBox, Word, PowerPoint, Excel.

Projects:

myAvatar NX: While at Netsmart, I worked in a team fixing many defects and creating new features for this product on both the frontend and middleware. I have a great attention to detail and was able to discover many defects; as well as many style leaks. Accomplishments include finding ways decrease the build time, figuring out how we can debug on production environments, and discovering major performance problems.

Multitasking in Git: This is a script/git strategy I invented that allows me to have the code from all the tickets I'm working on merged together and separate for PRs at the same time; while also able easily update to the latest development code.

Node Suspender: Utility I created to pause/resume Angular watching for changes when modifying multiple files at once.

Flashcards: I collaborated with a group of students and was a major contributor in the creation of this Android application.

PackPackMonsters: I led a team of students in the creation of this Pokémon clone Android game.

JAdvise: Mock Java program designed for an advisor to enter student information which is stored on a MySQL server.

Edge Only Paint.NET Plugin: Created with C# to remove the inner portion of an image, leaving only an outline remaining.

iPhone Memory Game: Simple card matching memory game.

CPU and Memory Algorithm Simulators: Web applications that I created to demonstrate different algorithms.

Monitor Off: Utility to turn off a computer screen when ran.

Minesweeper: Game made using MIPS Assembly Language.

Tic Tac Toe: Game made using Angular that's also a PWA.

Suffolk Sign-in Program: This was a convenient Java program for students who came to my tutoring sessions to sign in/out.

Kindle Calendar Generator: I created this Java program back in high school to generate calendar eBooks for my Kindle.

Referral: Dr. Ben Chen: Chair of Computer Science at SCCC.
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