

Branden Palmer

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Education

- Arizona State University** | *Tempe, AZ, USA* **Aug 2023 - Present**
- B.S. in Computer Science
 - GPA: 3.95 | Expected Graduation: Dec 2025
 - Dean's List Spring 2024
- Community College of The Air Force** | *Montgomery, AL, USA* **Jul 2009 - May 2014**
- A.A.S. in Aviation Maintenance Technology

Experience

- Lead Programmer** | [ASU](#) | *Medical App* **Jan 2024 - Apr 2024**
Java, JavaFX, SQLite
- Broke six-person team into three feature focused subteams, reduced crosstalk, increased dev momentum
 - Performed 37 merges, instrumental in synchronizing six-person team
 - Delivered all required specifications and one optional specification on time
- Open Source Contributor** | [super-productivity.com](#) | *Productivity App* **Apr 2022 - Jan 2024**
SCSS, Angular.js
- ID'd regression bug by utilizing git bisect
 - Corrected UI issue by isolating problematic SCSS, resulting change merged into production branch

Projects

- Polyfill Pwn Protector** | *Web Security Browser Extension* **Jun 2024 - Jun 2024**
JSON, JavaScript
- Protects users against 380K sites infected with polyfill attack by blocking and replacing infected polyfill domain
 - Published three days after attack
- MUD Terminal game** | *Text based dungeon crawler* **Nov 2023 - Dec 2023**
C, C++, JSON
- Created JSON parsing script in C, capable of parsing 1770 items in 0.78 ms
 - Implemented role playing mechanic including: inventory, navigation, world state, and battle mechanics by utilizing OOP principles
- LinkedIn Easy Apply Bot** | *A digital assistant for LinkedIn* **Nov 2023 - Nov 2023**
Node.js, Playwright
- Automated application bot, facilitated the application of over 400 job postings in 3 days
- MemeSpace** | *Social app for memes* **Nov 2022 - Sep 2023**
Next.js, Firebase, React.js, TailwindCSS, TypeScript
- Integrated Firebase BaaS for storage and user auth
 - Added caching with React Query, optimized network performance
 - Isolated commit with Git bisect, technique instrumental in resolving build failure
 - Crafted troubleshooting template, reduced troubleshooting from two days to two hours
 - Documented coding conventions, reduced decision fatigue and enabled efficient development
 - Integrated external API, created modules for fetching and UI, resulting in access to 999 memes
- Battleship** | *Board game* **Apr 2022 - May 2022**
Jest, Webpack, JavaScript, SCSS
- Implemented 35 tests using TDD across 3 modules, 16 functions, enabling safe refactorings/robust game logic
 - Applied refactoring principles, allowing new feature implementation in 15 minutes
 - Implemented a style system using SCSS and the BEM method, with separate files for each screen, resulting in a coherent, easy-to-use, high-quality style system
 - Created custom rendering system with Vanilla JS, resulting in modular rendering API supporting 18 components across four screens

Other Experience

- Senior Aircraft Technician** | *Lockheed Martin, Balad AB, Iraq* **Dec 2017 - Jan 2020**
- Fill-in shift supervisor, coordinated maintenance activities across 5 different specialties
 - Hand selected for aircraft engine run certification

Technical Skills

- HTML/CSS, SCSS, Java, JavaScript, TypeScript, Bash, SQLite, C, C++, Lisp
- React.js, Node.js, Next.js, Vite.js, Webpack, JavaFX
- Git, VSCode, Neovim
- Storybook.js, Firebase, Jest, TailwindCSS, React Query, Playwright, lodash