DILLON F. TANNER

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EDUCATION

App Academy   **March 2021**
Software Engineering Track: Full-Time Online   San Francisco, CA (Remote)
- Completed a 24-week intensive software development program focusing on full stack web development
- Achieved 1000+ hours of full stack software engineering experience; learned 2 programming languages & 16+ frameworks
- Collaborated daily with team members to build fully functioning web applications, including 50+ micro projects

Wheaton College   **May 2020**
Bachelor of Arts in Economics   Wheaton, IL
- GPA: 3.75, Dean's List

SKILLS

Angular, Typescript, React, Python, Redux, Node.js, JavaScript, Flask, Express, SQL, Git, HTML5, CSS3, Docker, AWS

EXPERIENCE

Micro Focus   **June 2021 – Present**
Software Engineer   Fort Collins, CO
- Developed user interfaces and common front end components in Angular 9+ using Typescript, CSS, HTML5
- Increased test coverage with Jasmine/Karma and Cypress, and DRYed codebase with substantial refactors. Results included better readability and more efficient build times with Jenkins to be able to integrate new code faster
- Responsible for defect fixes and new user features under Agile/Scrum methodologies, meeting deadlines in CI/CD workflow. Within weeks of starting was presenting development results with teams across geographies
- Using Git workflow, responsible for reviewing peer code. Would test in both mock and live development environments to ensure end to end functionality and confirm accessibility standards and the product's supported browser responsiveness
- Coordinated effectively with UX/UI designers to improve front end features and user experience and worked closely with backend engineers to define and implement RESTful APIs for efficient implementation of sprint assignments
- Utilized Docker, Kubernetes, Postman, Github, Github CLI, Jenkins, Intellij IDEA, and company-built tools for productive development environment

CoreXpand LLC   **Jul 2019 – Aug 2019**
Product Development Intern   Buena Vista, CO
- Coordinated enhancement testing with offshore development team to deliver custom e-commerce sites to university clients; spearheaded tracking method to provide real time progress to account managers, enabling faster client onboarding.
- Mapped out user experience flow for CoreXpand's newest portfolio of products with visualization software.

PROJECTS

Bikechain (React / Flask / Node / SQLAlchemy / PostgreSQL)   **Live Site | Github**
Plan bike rides with local riders, or by skill level in a user friendly map UI
- Integrated Mapbox API and Geocoder with custom filtering to dynamically display rides based on user parameters
- Created custom modal framework using React component architecture allowing for efficient development of new forms
- DRYed up backend code by utilizing many-to-many polymorphic tables to clean up model codebase by over 25 percent

CodeNote (React-Redux / Express / Node / PostgreSQL)   **Live Site | Github**
Save snippets of code and share them across different users
- Applied customized design and functionality to react-quill library to enable expanded styling options and rich text editing
- Extended rich text editing functionality by implementing auto-save with native Javascript and React for smooth note-taking
- Developed custom search using Regex and Redux. Search results are saved when switching tabs for better user experience

Jumpstart (React-Redux / Flask / Node / PostgreSQL)   **Live Site | Github**
Clone of Kickstarter with GoFundMe influences to help users tell their story
- Utilized Redux with React for DOM rendering and state management with short circuit logic for a reliable redux store load
- Implemented AWS S3 and react libraries for storing images and scalability; added fronted functionality for deleting images
- Optimized donation pages with pure vanilla CSS Grid and media queries for cleaner UI and for better organization

DinoFlow (Pug / Express / Node / PostgreSQL)   **Live Site | Github**
Inspired by StackOverflow, a site built by dinosaur engineers, for dinosaur engineers
- Configured the Node backend with PostgreSQL, using the Sequelize ORM for validations and complex database queries
- Implemented local strategy for user authentication with CSURF protection, allowing for seamless user signup/login
- Designed asynchronous functions to create and update answers to questions and upvotes/downvotes in real time