Jack Sturtevant

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SKILLS AND PROFILES

Skills : Python | CSS | Typescript | Java | C# | C | MATLAB | JavaScript | SQL | Git | Flask | Docker | GraphQL | DevOps | AWS | GCP | Smart Contracts | Rust | Developer Team Staffing
Profiles : LinkedIn jack-sturtevant ⌕ | Github jacksturtevant ⌕

EXPERIENCE

Freelance Developer   Remote
Blockchain Frontend Engineer   July 2022 – Present
- Tsunami Finance ⌕ : Implemented custom Trading View ⌕ chart improving trading UX with a datafeed
- Particles Raffle ⌕ : Created frontend for raffling NFTs, opening a new revenue stream for Particles and their artists
- Banco ⌕ : Awarded 2nd place in Money Lego Bounty Hackathon ⌕ for a novel cross chain NFT loan platform. Developed entire frontend and api logic

Cypher ⌕   Salt Lake City, UT
Blockchain Frontend Engineer   April 2022 – July 2022
- Overhauled landing page to outline new direction of the company, improve the user experience, and help the team to attract new investors
- Co-developed component library which was used to create trading app for retail traders
- Upgraded trading experience with the creation of a customizable pro app, attracting more institutional traders
- Implemented a leaderboard of top traders across multiple criteria, increasing app traction and incentivizing current users

Applied Intuition ⌕   Mountain View, CA
Software Engineer   July 2020 – October 2021
- Developed (full stack) intranet for managing developers, teams, and customers, vastly improving efficiency of all employees
- Worked closely with design team to iterate upon Figma mocks, then created pixel perfect implementations
- Helped close multiple million dollar deals through creation of a license dashboard demonstrating client product usage trends
- Improved average customer support response time from > 1 day to < 1 hour through creation, automation, and maintenance of custom Zendesk solution
- Increased website traction by 3x through a joint project with the marketing and design teams: an electronic newsletter
- Reduced customer complaints about visual quality across products by mentoring other developers in CSS and leading company wide office hours

Hydraze, Inc ⌕   College Park, MD
Chief Technology Officer   January 2019 – July 2020
- Designed a novel IOT automatic toilet flushing system that eliminates unnecessary flushes and enhances water conservation, potentially saving facilities thousands of dollars annually
- Awarded over $30,000 in grant and prize money with various awards from University of Maryland Office of Sustainability, Dingman Center, Do Good Institute, and Terp Tank pitch competition
- Developed IOT network with a Raspberry Pi central node which communicates with multiple Arduino micro-controllers attached to toilets and stalls enabling autonomous flushing and data collection
- Created a novel facilities management platform which allowed managers to view bathroom data and device battery levels

Amazon Web Services ⌕   Seattle, WA
Software Development Engineer Intern   May 2019 - August 2019
- Enabled mathematical verification of AWS products through compilation from Dafny to Java, see Github ⌕

Terrapin Works ⌕   College Park, MD
Software Team Founder & Manager   February 2017 – March 2019
- Built software engineering team by expanding team from one member to 12
- Secured contracts with 2 new clients by assessing their needs in stakeholder meetings and designing teams around them
- Increased productivity by 50% and reduced inefficiencies by implementing agile cycle for development teams

EDUCATION

A. James Clark School of Engineering, University Of Maryland   **GPA: 3.93**
Bachelor of Science in Computer Engineering, University Honors, Cum Laude
- QUEST ⌕ : Honors program focused on business and technology collaboration for solving complex design challenges