

CYRUS ROSHAN

Product-Focused Software Engineer
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Education

University of Texas at Dallas - (Class of 2018, 3.51 GPA)
BS, Computer Science, Software Engineering (AES Recipient)

Work Experience

LinkedIn - UI Engineering Intern - (Summer 2017)

- Developed mobile splash page to get mobile web users to download the LinkedIn Learning app, complete with unit/integration tests, and A/B testing with user tracking
- Spent second half of internship on PM rotation, creating a spec page and plan of action to restructure LinkedIn Learning's search results page
- Developed a spec sheet, plan of action, added relevant data, sourced relevant research, did competitor analysis, and mocked examples for all proposed changes
- Helped teammates find and feel ownership in their involvement in the proposal, and understand what it was trying to accomplish. Received management approval to continue planning and implementation past the project spec phase

Cloudflare - Systems Engineering Intern - (Spring 2017)

- Refactored and maintained the Cloudflare Apps preview service, allowing Cloudflare apps to be previewed and customized on any website, with near-full functionality
- Heavily refactored Stout, our open source deploy tool, to increase readability, portability, maintainability, and allow for easier contributions from outside contributors

Eager - Software Engineering Intern - (Summer 2016)

- Added dynamic redirection for all redirect methods on CORS-circumventing reverse proxy, and built unit and integration tests, correcting misredirected links by over 90%
- Designed, developed, and implemented a keystore service, for authenticating internal services, and limiting API keys distribution to authorized services, using token-based auth
- Migrated frontend build tool from Node 4.x to 6.x, built custom frontend UI form elements

University of North Texas - EE Research Assistant - (Summer 2014)

- Automated the entire semiconductor data collection process, apart from pouring liquid nitrogen and swapping cryostat pin wiring, for which lab assistants were notified

Leadership Experience

HackDFW - Director of Hardware, Tech Team Organizer - (Fall 2015 - Fall 2017)

- Handled hardware logistics, budget, for the largest hackathon (2000 attendees) in Texas
- Developed an online attendee challenge system to generate puzzles and reward solutions

Skills

Languages: Golang, JavaScript (ES6, ES7, CoffeeScript), C++, Java, Python, SQL (Postgres), AHK

Technologies: AWS, Node.js, Electron, Git, cURL, HTML/CSS (Sass, Stylus), Chromedriver, Chrome Extensions, Angular, Ember, Ionic, Arduino, Photoshop, Illustrator, Garageband

Hackathon Projects (see blog, devpost)

Electric Boogaloo - (HackPrinceton) - (Fall 2016)

- Electronic banjo with highly accurate fret/string combo input and LEDs inside neck
- Accompanying web app displayed and played user-pressed fret/string combos in realtime
- Chords could be selected on web app to be displayed in embedded LED grid on fretboard
- *1st place, Best Design award, Best DIY award*

Spin to Win - (HackPrinceton) - (Spring 2016)

- Functional rotating 3d scanner for less than \$20, used a 10¢ reflective IR LED for scanning
- Recreated test objects with >95% point accuracy on matte surfaces
- *Top 10, Most Technically Challenging, Google Moonshot award*