Seattle, WA
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CURTIS YUNGEN

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CAREER SUMMARY

Boeing engineer with a passion for coding looking to go from building planes to building websites. Adept at working both independently and in teams. Brings technical background, staunch work ethic, and aptitude for solving complex problems. A self-starter and eager learner who is always looking for the next big challenge.

PROGRAMMING SKILLS

HTML5, CSS3, Sass, JavaScript, TypeScript, jQuery, SQL, Bootstrap, Express.js, ReactJS, Node.js, Redux, Git, Heroku, REST APIs, JSON

PERSONAL PROJECTS

Congo Book Sales: https://congobooksales.herokuapp.com

- Developed a **full-stack**, **mobile responsive** website for selling my book collection. **Sold 250+ books.**
- Designed **dynamic front-end** using React. Built **robust back-end** using Express, Node, and MySQL.
- Utilized PayPal API for getting customer shipping information and **processing credit card payments**.
- Created functionality for new **user registration**, **password encryption**, password recovery, a custom shopping cart, and order history.

Outwork Fitness Tracker: https://outwork-cjy.herokuapp.com

- Developed a **full-stack, mobile responsive** website for tracking workouts for multiple users.
- Designed front-end using React; constructed back-end using Express, Node, and MySQL.
- Implemented **promised-based communication** between client and server using Axios.
- Built **data visualization** graphic for viewing weekly mileage totals using D3 Analytics.

PROFESSIONAL EXPERIENCE

Front End Developer – WebDiff 9/2019 – present

- Implement new features on WebDiff's online software using TypeScript, React, and Redux.
- Familiarize self with immense codebase and company workflow processes within a short time frame.
- Collaborate with other developers using Git for version control.

Structural Design Engineer – The Boeing Company 6/2012 - present

- Redesigned advanced component for B-777 landing gear door locking mechanism, thereby resolving an urgent issue for airlines. Design incorporated onto 500+ airplanes in production and fleet.
- Resolved a recurring safety concern in production by collaborating with mechanics to improve installation of electrical support brackets. Reduced installation time by up to 25% (2 hours).
- Served as primary design engineer for Fuselage Penetrations project on Air Force One program. Worked alongside team to meet demanding drawing release schedule and avoid program delays.

EDUCATION

Certificate in Full-Stack Web Development – University of Washington 9/2018 - 4/2019

Bachelor of Science in Civil Engineering – Oregon State University 9/2008 - 6/2013

AFFILIATIONS

Volunteer – Seattle Cancer Care Alliance 9/2019 – present

- Performed acoustic guitar music at events for cancer patients at SCCA.

Club President – Toastmasters International 3/2014 - 6/2016

- Led club to achieve President's Distinguished Club award, the highest possible club rating.
- Earned Advanced Communicator Silver, Competent Leadership awards, 1/2015.