

Gale Bonker

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EDUCATION

Carnegie Mellon University Pittsburgh, PA
Bachelor of Science in Information Systems May 2016
Minor in Human-Computer Interaction GPA: 3.52/4.00

SKILLS

JavaScript, React, Redux, Ruby on Rails, HTML, CSS, Git, Ruby, Python
Adobe Creative Suite, Wireframing, Prototyping, Interaction Design, User Testing

HONORS

University Honors May 2016
Dean's List with Honors May 2014, December 2014, May 2015

WORK EXPERIENCE

LiesGame.com New York, NY (remote)
Full-Stack Software Engineer February 2020 – present

- Developed a mobile-first, web-based game where 8,000+ monthly users fabricate believable lies
- Used React and Firebase to build intentional typos, deck selection, and meaningless timers, increasing average session duration by 45 seconds and decreasing bounce rate by 5%
- Built Scoreboard Mode, a neutral game view designed for streamers, who broadcast to an audience of 8,000+ viewers

CH Media New York, NY
Front-End Software Engineer September 2018 - July 2019

- Maintained DROPOUT streaming service using React and Redux to entertain 40,000 subscribers
- Improved DROPOUT's web accessibility by 300% through WAI-ARIA practices such as alt tags, inert polyfills, and building screen reader testing into development processes
- Lead a pair-programming initiative to develop OAuth and reverse OAuth features so that users could access content on DROPOUT and Facebook, generating \$2.5 million in revenue
- Developed a cookie-based alert bar, Browse and Schedule pages for users to see new features and upcoming content, leading to millions of streaming hours

Trov Danville, CA (remote)
Web Development Engineer October 2017 - July 2018

- Implemented promo codes and 30 other bug fixes and technical tasks in the single item coverage product utilizing JavaScript frameworks to reach one million protected days
- Built sorting, filtering, and loading state features using React and Redux in the Claims Manager to reduce claim settlement time by 40% and prepare Trov for its US launch
- Maintained AngularJS legacy claims app so managers could identify assets 20% more accurately
- Provided constructive feedback on teammates' pull requests to increase code efficiency by 10%

SmartEdTech Sunnyvale, CA
User Experience Engineer March – June 2017

- Designed Admin site for teachers and parents to assess students' learning data 50% more clearly
- Sketched SmartEdTech.com by hand and digitally to increase sales by 10%

Jobcase Cambridge, MA
Software Engineer August 2016 – January 2017

- Developed notifications and the About Us section on Jobcase.com, catering to over 60 million users, using Ruby on Rails, HTML, CSS, JavaScript, Git, and Amazon Web Services
- Streamlined Admin tool, optimizing Member Interaction team's communication efficiency by 100%
- Utilized asynchronous JavaScript calls to reduce search pages' perceived loading time by 50%

PROJECTS

RedditLite redditlite.herokuapp.com

- Used React and Redux to develop an application that calls the Reddit API using any subreddit and displays the first 25 posts in a consistent and user-friendly way
- Verified 100% test coverage with Jest, responsiveness, and accessibility features

Doctor Reviews doctorreviews.herokuapp.com

- Built a Ruby on Rails application that allows users to sign in, post and rate doctors
- Made responsive with Bootstrap and accessible to users who do not use a mouse

ACTIVITIES

Rude Mechanical Orchestra: protest marching band, Valve Trombone
Activism: Climate, Racial, Disability, Neurodiversity, and other Social Justice Advocacy through original music, physical art, and pro bono web development

TRAINING

Lean Six Sigma, Yellow Belt Certification July 2014