



Software Development:

Gigster, Software Engineer – *Remote*

Summer 2017 – present

- Built frontend React websites for fortune 500 companies
- Created MyCanon USA frontend dashboard
- Co-created Harley-Davidson Ride Planner Web frontend
- Worked with small startups on a variety of frontend/backend projects

Fin, Software Engineer – *San Francisco, CA*

Fall 2016 – Spring 2017

- Designed and built Fin Web chat interface in React
- Worked on Rails backend, built Python email filtering library

LinkedIn, Android Developer – *Mountain View, CA*

Summer 2015, Summer 2016

- Worked on core Android infrastructure: networking and disk cache journaling
- Created shake to report feedback library: shaky-android

CBSNews.com, Frontend Developer – *New York, NY*

Summer 2013

- Created the 48 Hours and 60 Minutes front pages, and sitemap for desktop/mobile
- Worked on a company-wide replatforming: the Highlander Project

nickav.co, Freelance Developer – *Remote*

Fall 2011 – present

- Built Messenger clone with React/GraphQL for real estate startup
- Developed several e-commerce websites, integrated Stripe API
- Implemented mobile responsive design and optimized page speeds

Education:

Recurse Center – *New York, NY*

Spring 2019

- Wrote a 2d game engine using C++, OpenGL, SDL and Lua
- Wrote a CSS flexbox layout engine in C, based on Yoga
- Wrote React and Redux from scratch

University of Maryland, B.S. Computer Science – *College Park, MD*

December 2015

- CMSC198 C/D/E, Intro to Python Course Development
- Startup Shell, Director of Mentorship
- Academy for Innovation & Entrepreneurship, Design Thinking Coach
- CMNS Dean's List (6/7 semesters)
- College Park Scholars (Fall 2012 – Spring 2014)

Technical Skills:

Languages: JavaScript, React, Node.JS, GraphQL, SQL, C/C++, Ruby, Python
Apps: Emacs, Vim, Git, Game Maker, Unity, Sketch, Adobe Premiere