

# Hugh Ferguson

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## Profile

CS + economics student creating design and technology experiences with tangible impacts on people's lives. Fascinated by art, culture, and communication. Adaptable learner creating across disciplines while elevating those around me.

## Experience

### **Software Engineer, Berkshire Hathaway (Berxi); Boston, MA - Jan. 2020-Sept. 2021**

Led design for multiple backend services to support berxi.com. Responsible for docker/ CircleCi/AWS devops pipeline and implementing dockerized integration testing. Reduced average build time for production site by ~30%. Added ecommerce and marketing features in Vue/Nuxt frontend w/ golang microservices. Led dev improvements like optimized site generation, build refactors reducing deploy errors, and automatic QA ready preview environments.

### **Assoc. Software Engineer, Wolters Kluwer; Waltham, MA - Jan. 2019-July 2019**

Contributed fullstack features + architecture of UpToDate.com webapp (Angular/Java) through bug fixes, code refactors, unit testing, PLSQL procedure updates, and RESTful feature implementation.

### **Co-Founder/Web Dev Lead, Operation Space; Remote – March 2018-May 2019**

Led project website and organizational + legal docs, recruited fully remote team of over 40, led all media copy for outreach. Raised funds via NGO foundations, businesses, and individuals. Featured on front page of WSJ.

### **Co-Founder, Co-Chairman, mission: toothbrush; Setauket, NY – 2015-Present**

Founded a nonprofit to provide oral health supplies to those in need on Long Island. Raised over \$70,000 worth of supplies to dozens of orgs. Spoke at schools and TEDx about the story and lessons. Still run by new high school students each year, allowing them an opportunity to run a 501(c)(3) nonprofit and contribute to their community.

### **College Calendars – June 2017**

Small web app for college students to compare their academic calendars with those of other schools. Garnered over 10,000 unique users when active.

### **Freelance Web Developer, Copywriter; Upwork.com/Self – 2014-Present**

### **Editor / Web Developer, The Avenue Mag; University fashion and design magazine**

## Education

Northeastern University Honors College; Boston MA; 2017-Present

*Bachelors of Science in Computer Science & Economics, expected graduation April 2022*

## Skills

*Frontend:* JS, Vue, React, Nuxt.js, CSS, JQuery, Adobe Suite, Wordpress.

*Backend/Devops:* Java, Golang, AWS, Docker, CircleCI, Bash scripting, SQL, Technical Docs.

## Hobbies + Interests

Clothing design // Jazz // DJ & Music Production tech, MIDI // Wikipedia binges.