

# Hugh Ferguson

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## Profile

Pragmatic, inventive, and curious  
computer science + economics student  
looking to work on problems and ideas  
with real impacts on society. Eagerly  
prepared to learn whatever skills a  
project requires and fluent at executing,  
communicating, and creating at the  
intersection of business and technology.

## Experience

### **Associate Software Engineer, Wolters Kluwer; Waltham, MA - January 2019-July 2019**

Learned and improve the capabilities of the UpToDate web application through various work items including bug fixes, testing, technology upgrades (e.g. oracle to CouchBase database migration) and new back end feature implementation. Collaborated with product management, QA, and development engineers to ensure requirements were properly implemented.

### **Web Dev Lead, Operation Space; Stony Brook, NY – March 2018-Present**

Authored and designed project website and organizational documents, took part in recruiting process for a team of over 40, and aided in community outreach. Raised funding via private foundations, businesses, and local individuals.

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

Started a nonprofit dedicated to providing oral health supplies to underserved soup kitchens and homeless shelters across Long Island. Managed supply drives, solicited public and private donations, filed taxes and 501(c)3 nonprofit certification, and spoke for TEDx about the organization and youth entrepreneurship. Raised over \$40,000 to date.

### **Freelance Web Developer, Writer; Upwork.com – 2014-Present**

Started writing and editing books, brochures, articles, and other forms of professional writing. Currently freelancing web development, mostly through personal connections and referrals.

### **College Calendars (personal project) – June 2017**

Created platform where college students could compare their academic calendars with those of other schools. Garnered over 1,000 page views when active.

## Education

Northeastern University Honors College; Boston MA; 2017-Present

*Bachelors of Science in Computer Science + Economics, expected graduation April 2021*

## Skills

Python, Java, SQL, Git, HTML, CSS, Ruby, Javascript, Unix, Spring, Rails,

JQuery, Jekyll, Vim, AWS, LaTeX, Wordpress.

*Learning / Minor Experience:* Go, Swift, Tensorflow, Angular 2, Selenium.

**Hobbies + Interests** *Philosophy, Politics, Psychology, Culture, History, Vinyl, and Wikipedia Binges.*