

CLAIRE HUANG

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EDUCATION

UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA

Aug 2014 – May 2018

- B.A Cognitive Science, Minor Computer Science
- **Coursework:** Data Structures and Algorithms, Mathematical Foundations of Computer Science, Python Programming, Networked Life
- **Activities:** Milken Institute Scholar, National Center for Women in Technology Fellow, Penn Women SPEAK: Co-President/Founder, The Daily Pennsylvanian: Chief Video Producer

HORIZONS SCHOOL OF TECHNOLOGY, SAN FRANCISCO, CA

Spring 2017

- 16-week immersive program to learn frontend and backend web development, web security, and mobile and desktop application development

WORK EXPERIENCE

VISA INC.

June – Aug 2017

- Led team of 3 in the UI design of a feature for Visa's CAS Rules Engine that displays graphical representations of business rule flows
- Simplified the process for analysts to detect and test 1000+ rules associated with transactions
- Instructed team interns on designing and refining web application structure
- Used Angular.js, Node.js, Express.js, and Mongo queries to generate a Cytoscape.js graph

MHEALTH SERVICE

Aug – Dec 2016

- Created a web application to monitor the fitness of elderly patients at the Penn Presbyterian Medical Center using Amazon Web Services, OAuth 2.0, Python, and React.js
- Structured application to be HIPAA compliant

PROJECTS

SHOP PORT

Feb – May 2017

- Used Node.js, Passport.js, React.js, MongoDB, and the Stripe API to create a web application to streamline group ordering for online retail shopping
- Scraped retail websites for product information using ScraperJS
- Enabled multiple users to share a virtual shopping cart managed by a primary user
- Awarded 1st place at Horizons Hackathon

WIDGET MAKER

April 2017

- Worked in a team of 2 to create a web application that allows nontechnical restaurateurs to post, edit, and customize daily specials banners on their website by filling out a simple form
- Developed using React.js, Amazon S3, Node.js, and Express.js, and inserted banners using jQuery

UBERGAMES

March 2017

- Designed and built a web application using Node.js, MongoDB, and the Uber API that added a multiplayer game layer to uberPOOL
- Utilized the Uber API to make authenticated HTTP calls to collect relevant ride information and rider data in order to create personalized game rooms
- Awarded 2nd place at Uber Hacks

SKILLS

TECHNICAL: JAVA, C++, OCAML, PYTHON, JAVASCRIPT, HTML, CSS, REACTJS, ANGULARJS, JQUERY, NODEJS, EXPRESSJS, AJAX, MONGODB | **DESIGN:** ADOBE LIGHTROOM, PHOTOSHOP, INDESIGN