



TIFFANY CHEN

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objective—

I am a developer and designer who is looking to work in the intersection of technology and design.

education—

Carnegie Mellon University
May 2019

BS in **Information Systems**
Double Major in
Human Computer Interaction

GPA 3.9/4.0
Dean's List with High Honors

skills—

Technical

Java, Python, C
Flask
Postgres, MongoDB, mySQL

Web Development

HTML/CSS
Javascript, jQuery

Design

Wireframing, Rapid Prototyping
Adobe Creative Suite, Sketch
Keynote, Invision

experience—

CoEx Lab — Research Assistant
CMU Human Computer Interaction Institute

sept 2017

Leidos — Software Engineering Intern
Cybersecurity Intelligence & Incidence Response Team

may–july 2017

Worked on a team of five to test, evaluate, and implement an open-source endpoint security platform. Created a virtual testing environment with Windows Active Directory to simulate company systems. Conducted a series of attacks on the system with Beacon Strike to assess the effectiveness of the tool. Redesigned the security dashboard for enhanced usability and scalability. Collaborated with cyber analyst to improve user experience and optimize data for analysis.

Netscale — Designer

may – sept 2017

Designer of a CMU student startup. Created design concept and branding for the product. Wireframed and prototyped the web application flow. Communicated and worked across all functions to build product.

Noosh, Inc. — Front-end Engineering Intern

jan–aug 2016

Implemented responsive language translation and localization in software using AngularJS. Utilized company APIs to display and format pages. Helped redesign drag-and-drop function on dashboard, fixing the panel resizing and display issue.

CoEx Lab — Research Assistant
CMU Human Computer Interaction Institute

oct 2015–nov 2016

Analyzed interactions between users on Stock Twits, a social network for stock trading. Interpreted 7 years of historical data of tweets, tags, and users from JSON files. Worked with APIs in Python to pull data about social interactions.

projects—

ScottyLabs PrintAPI

nov 2016

Designed user interface for the ScottyLabs Print API, a software that simplifies document printing at CMU. Developed front-end in HTML/CSS and jQuery. Created embeddable JavaScript widgets to streamline code.

Trace

sept 2015

Awarded 2nd place at hackCMU, an annual hackathon with over 200 participants. Using a three letter input, the application draws out the letters on Google Maps as a route. Coded front-end of the project using Bootstrap, HTML/CSS, and JavaScript. Connected the back-end algorithm to the user interface.

coursework—

Data Structures, Communication Design Fundamentals, Database Design & Development, Persuasive Design, Cognitive Psychology, Information Security and Privacy, Principles of Software Construction