

Vicki Lu

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Education

Duke University Class of 2021

B.A. Computer Science & B.S.
Psychology, Computational Biology
Minor, GPA: 3.90

Relevant Coursework

Human Centered Design
Social Psychology
Data Structures & Algorithms
Computer Architecture
Computational Genomics
Everything Data

Skills

Design

Sketch, InVision Suite, Adobe CC,
Zeplin, Figma, Principle, Framer,
User Research, Wireframing,
Prototyping, Visual Design

Development

Python, Java, HTML/CSS, Sass,
Javascript, Swift, SQL, C

Interests

Microbiology, Crosswords,
Medium articles, Cafes, Dogs

Experience

GSK (GlaxoSmithKline) Product Design Intern

Summer 2019
Philadelphia, PA

- Helped execute first phase of design system, saving GSK a projected €268K and increasing speed of website and app creation by 50%:
 - Conducting external UX audits, accessibility audits, and 13 user interviews
 - Creating grid system and documentation for design system pages
- Researched, designed, and developed UX prototypes of professional skills development tool, building on and enhancing team progression frameworks

KeyWatch Frontend Development & Design

August 2019
Washington DC

- Won Samsung 'Breakthroughs That Matter' award for a project that uses smart watch and keyboard data to continuously monitor parkinsonism symptoms, enabling doctors to intervene with the correct treatment path quicker
- Implemented and designed platform with React that queries our database and visualizes information real-time for dynamic diagnoses

Duke Cancer Institute UX Designer

Spring 2018
Durham, NC

- Designed wireframes and prototypes for the BiteSizeQI web-app, transforming quality improvement education into a more efficient and intuitive experience
- Currently used at DCI by >300 researchers and physicians, teaching them how to fix problems in an accessible manner and impact positive change within a large organization

Leadership

HackDuke Organizing Team Director



Since April 2018

- Directed the nation's largest social good hackathon, leading 30-person planning team to attract over 1,000 applicants and managing a \$50K total budget
- Oversaw new initiatives to improve participant experience such as a hackathon mobile app and a track dedicated to creating projects for non-profit partners
- Worked as Design Lead to implement complete redesign of hackathon website and create visual assets for both HackDuke and IDEATE: A Design-Thinking and Innovation Conference

Catalyst Tech Society Marketing Chair

Since September 2017

- Ran workshops as professional chair to improve technology education on campus, teaching over 40 students key software skills
- Oversaw recruitment process as rush chair for Duke's largest pre-professional tech society, planning events for over 350 rushees.

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