Michelle Hou

houml812@gatech.edu
(240) 308 9608
houml812.github.io

Education

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science, Computer Science   *Threads: People & Media*   2018 - Fall 2021
Minor: Industrial Design   GPA: 3.73

Relevant Coursework

- Intro to Object-Oriented Programming
- Computer Organization and Programming
- Objects and Design
- Data Structures and Algorithms
- Machine Learning
- Computer Graphics

Work Experience

Viasat *software engineer intern*   *Summer 2020*
- supported software development, debugging, and testing of the subscriptions, billing, and payment systems
- participated in a DevOps team
- worked with Java, Python, GraphQL, PostgreSQL, and AWS

College of Computing *CS tutor*   *Fall 2019-present*
- aid students in better understanding class material and answering questions
- subjects: Intro to Object-Oriented Programming, Data Structures and Algorithms, Computer Organization and Programming, and Discrete Mathematics

Projects

Travel Berlin *ReactJS, Scala Play Framework, JSON database*   *Summer 2019*
- created front-end using ReactJS as well as created and managed JSON back-end
- implemented role-based access control where only admins can create attractions and delete reviews along with regular user actions

Internboat *HTML/CSS, JavaScript, Firebase*   *Fall 2018*
- worked on the frontend as well as worked on incorporating Firebase for back-end
- website that acts like a Common App for internships, allowing users to create an account, profile, and localize information for their applications

Activities

Bits of Good *product designer*   *Spring 2020-present*
- design and create web apps based on a the needs of local non-profits
- currently working on a brain training app for seniors with Alzheimer's
- redesigned an inventory management system for a children's home located in Honduras
- create promotional graphics and designs

Design Club *executive team member*   *Fall 2018-present*
- plan and organize club activities and content
- learn and discuss UI/UX design principles and do app critiques, whiteboarding, and card-sorting

The Tower Undergraduate Research Journal *editorial board member / marketing assistant*   *Fall 2019-present*
- currently working on re-establishing the journal and publishing first volume since hiatus
- help design layouts and spreads for the journal as well as redesign the website
- create promotional graphics and designs

Skills

Programming   Java, HTML / CSS, JavaScript, Python, ReactJS, Scala, C / C++, SQL, GraphQL, Processing
Design   Adobe [Photoshop, Illustrator, XD, InDesign, Lightroom], Figma
Languages   English, Chinese