

BING LIANG

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EDUCATION

University of Pennsylvania, Philadelphia, PA
Bachelor of Arts in Computer Science and Cognitive Science

Graduated May 2021

Relevant Coursework:

Mathematical Foundations of Computer Science, Programming in Java, Data Structures & Algorithms, Database & Information Systems, Automata Computability and Complexity, Software Design and Engineering

AWARDS & SCHOLARSHIPS

- QuestBridge Scholar Recipient: program linking high achieving low-income students to universities while also providing on-campus networks and resources

SKILLS

React, Java, Html, CSS, Javascript, Python, Kotlin, Android App Development

PROJECTS

Job.fdr (React, SQL, HTML, CSS)

Spring 2021

- Designed and implemented front end display of data retrieved from SQL queries using processed Indeed and Glassdoor databases
- Composed SQL queries for dynamic retrieval of jobs information based on a series of filters set by users

Food Waste App (Java, Javascript, MongoDB)

Spring 2020

- Implemented features for the web application to allow food banks to coordinate with restaurants to redistribute food to the public, and specifically the homeless.
- Utilized MongoDB as our database for user information storage.

2048 (Java)

- Created 2048 game from scratch

EXTRACURRICULARS/WORK

African Community Learning Program (ACLP) Web Designer, Philadelphia, PA

June 2020 - May 2021

- Revamped and redesigned ACLP's online website using WIX to improve accessibility and display of information
- Researched and created wireframes best suited for non-profit organization
- Executed and presented design concepts to teammates

Website Work for ACLP Founder, Philadelphia PA

January 2021 - May 2021

- Executed visual design of online personal portfolio site for the founder of the African Community Learning Program.
- Drafted wireframes and user friendly design for purpose of expressing personal stories and easy contact features
- Designed and processed visual photos for site display to maintain professional presentation and aesthetic appearances

Marshark Company, Shenzhen, China

July - August 2019

- Assisted in designing Marshark's upcoming e-commerce website
- Involved in search engine optimization research and content creation for product campaign pages

Kelly Writers House Student Intern (Html, CSS)

- Updated KWH website for upcoming events and programs using HTML and CSS

Women in Computer Science Community Committee Member Upenn, Philadelphia, PA

Fall 2018 - Spring 2019

- Planned community activities such as studying sessions and networking events to gather women involved in computer science and aim to create a robust support network for women on campus

SKILLS AND INTERESTS

- Sketching, Design, Adobe Photoshop, Illustrator, AdobeXD, Guitar