JANICE KIM

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EDUCATION

University of Pennsylvania, Philadelphia, PA   Anticipated May 2024
- **Major:** Computer Science, B.S.E.
- **GPA:** 3.93/4.00
- **Relevant Coursework:** *(current)*: Data Structures and Algorithms, Art, Design and Digital Culture *(completed)*: Introduction to Programming, Programming Languages and Techniques I, Mathematical Foundations of Computer Science

EXPERIENCE

Instructor Assistant, Kode With Klossy   June 2018, July 2020 – Current
- Supported instructors in leading 115 high school scholars across four intensive web development programs
- Led weekly developmental sessions centered around the gender gap in the tech space

Computer Science Summer Institute Student, Google, Inc.   July 2020
- Participated in a 4-week intensive project-based CS program taught by Google engineers for high-achieving students
- Configured 12 individual coding projects to practice JavaScript fundamentals with p5.js

Summer Programming Intern, BlockchainsForSchools   July 2019 – August 2019
- Developed smart contract with Solidity to introduce blockchain into transactions between hospitals and patients
- Attended weekly workshops with Coinbase, IBM, and NYC Blockchain Center to learn about blockchain applications

PROJECTS

Programming Languages and Techniques I Final Project: Pac-Man   December 2020
- Developed a rendition of Pac-Man game using Java, Swing GUI library, and JUnit test suite
- Applied concepts including 2D arrays, I/O, and abstraction to model game state and characters and store high scores

PennApps Hackathon: Election Snail   September 2020
- Built interactive web application that allows users to get started with voting by mail and absentee ballots
- Developed and trained ML model using Tensorflow.js library to estimate human poses in real time

Google CSSI Final Project: Lost in Translation   July 2020
- Developed Chrome extension that allows users to display content on webpages in two languages simultaneously
- Implemented code to translate randomized words and phrases on webpage using JavaScript and Translate API

United Nations Major Group for Children and Youth   June 2020 – July 2020
- Created a website for the special edition of the UN MGCY Youth Science-Policy Interface Publication using HTML, CSS, JS
- Launched website at the 2019 High Level Political Forum at UN Headquarters, resulting in 200+ publication downloads

ACTIVITIES

Design Lead, Penn Creative Labs   January 2021 – Present
- Co-led and developed four UI/UX design workshops to introduce design fundamentals and technologies to club members
- Designed graphics and branding guidelines for the launch of Penn's first technology and design organization

Technical Development Team Member, Hack4Impact   September 2020 – Present
- Implemented email setting that allows users to customize email notifications using Django REST framework
- Designed and implemented interactive map with markers using React Mapbox GL for the Black Innovation Alliance

Section Leader, Code in Place   April 2020 – May 2020
- Prepared and taught a weekly discussion section of 10 international students to supplement lectures in a 5-week course
- Based on material from the first half of Stanford's introductory Python programming course

SKILLS & AWARDS

Software: *(proficient):* Java, HTML, CSS, JavaScript, Git, jQuery *(familiar):* OCaml, Python
Technologies: Figma, Adobe CC (Illustrator, Photoshop, After Effects, XD)
Awards: PennApps XXI Best Use of Wolfram Technology (2020), NCWIT Aspirations in Computing National Honorable Mention Award (2018, 2019), NCWIT AiC New Jersey Affiliate Award (2017, 2018, 2019), Google Code-In Finalist (2017)