JODIE WEI

JODIEWEI2019@U.NORTHWESTERN.EDU

EDUCATION

NORTHWESTERN UNIVERSITY

B.A. Computer Science, Segal Design Certificate, June 2019.

SKILLS

Proficient: Javascript, React.js, Python, SQL, Git, HTML/CSS, Elasticsearch stack
Familiar: Docker, Kubernetes, Apache Spark, Tensorflow, Tableau, Java, C#, C++

RELEVANT COURSEWORK

- Data Science
- Machine Learning
- Design & Analysis of Algorithms
- Theory of Computation
- Database Systems
- Computer Networking
- Human Computer Interaction
- Software Project Management & Development
- Game Design & Development
- Human Centered Product Design
- Industrial Design Projects
- Design Thinking Doing

EXPERIENCE

SOFTWARE ENGINEER • GOOGLE
STARTING AUG '19
• Coming soon!

SOFTWARE DEVELOPMENT INTERN • IBM
JUN '18 – SEP '18
• Worked with IBM's Private Cloud organization to design a method of effectively presenting Jenkins tests of over 100 products across 20 architectures
• Developed an automated software with Python that downloads and formats Jenkins test data from a file server into an Elasticsearch database
• Designed a data structure to allow a Kibana dashboard to effectively filter data into relevant views, including data drill-down, of multidimensional data for project stakeholders
• Hosted the software on a remote server and programmed a Raspberry Pi in Ubuntu to access the remote dashboard and display real-time data and trends on a large screen in the IBM office

SOFTWARE DEVELOPMENT INTERN • DEEP DISH TECHNOLOGY
JUN '17 – SEP '17
• Worked extensively with Python, Amazon S3, and SQLite3
• Created image manipulation and analysis software for physical survey forms using template-matching techniques for response recognition, with an intuitive, user-friendly interface that streamlined the process from form scanning to analytics display
• Used React.js to create a dashboard showing patient data with various data analytics

ACTIVITIES AND LEADERSHIP

DIRECTOR • HACKNORTHWESTERN
JAN '18 – DEC '18
• Lead a student group dedicated to creating events and programs to encourage students of all experience levels to become educated in computer science.
• Directed a Puzzle Hunt event in the spring with a student turnout of over 100 people.

TECHNOLOGY TEAM • NORTHWESTERN EPIC
MAR '17 – MAR '18
• Worked on the backend team using Node.js and MongoDB to develop an application for BrewBike, a Northwestern University student startup.