Danielle Jung

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EDUCATION

University of Illinois at Urbana-Champaign, *Champaign, IL*   *Graduation: May 2023*
Bachelor of Science in Systems Engineering and Design   **GPA**: *3.0/4.0*
Concentration - Business Systems Integration and Consulting

EXPERIENCE

EASY CLOUD SOLUTIONS   **PASADENA, CA**
Software Engineering Intern, remote   *August 2022 – Present*
- Training an AI algorithm to more accurately interpret data acquired from web scraping to predict upcoming technological and business trends
- Developing skills in Terraform and Kubernetes, as well as AWS through certifications (in progress)

PUBLICIS SAPIENT, PUBLICIS GROUPE   **NEW YORK, NY**
Software Engineering Intern   *June 2022 – August 2022*
- Created and designed a functioning web-app as the solution to a retail consulting case provided by the company for a corporate client
- Certified in-house through a full stack bootcamp, which touched on Spring Boot, APIs, DevOps, microservices, databases, and frameworks

EZ CYBERSECURITY SYSTEMS   **BOSTON, MA**
Software Engineering Intern   *June 2021 – August 2021*
- Designed initial version of Chrome extension that references company database to determine safety of IP address and generate information as well as block access to site based on assigned safety factor
- Implemented Auth0 login portal and new user interface using JS/HTML/CSS

PROJECTS

ADBERTSONS   *NEW YORK, NY*
Work Project   *June 2022 – August 2022*
- Utilized ReactJS, HTML/CSS, and Axios to develop front-end of platform that allows for advertisement distribution throughout storefronts
- Wrote requests that accessed back-end databases and frameworks to allow user to upload, download, and modify information and images, as well as auto-populate forms with previously submitted data
- User of platform can create, modify, and delete 'playlists' of ads given by CPG companies and assign them to a specific in-store device and date range for a group of or individual store locations (fully scalable to be functional for all 2200+ locations and for any device)

IP INFORMATION GENERATOR   **CHAMPAIGN, IL**
Personal project   *May 2021*
- Created a program in java that accepts an IPV4/IPV6 address and returns general information to inform about the security of IP address
- Utilized FastAPIs in program to obtain ASN prefixes and its information and return in table format

INVOLVEMENT

THETA TAU PROFESSIONAL ENGINEERING FRATERNITY   *September 2020 - Present*
Active member, former Fundraising Chair
- Served on the executive board for a fraternity of over 100 active members to oversee 18 pledges in organizing fundraisers to raise ~$1000 per semester for fraternity events and community organizations
  - Committees: Pledge, Diversity, Wellness, Projects (former)

INSTITUTE OF INDUSTRIAL AND SYSTEM ENGINEERS (IISE)   *August 2019 – May 2020*
Former member of the Freshman Committee
- Planned and organized numerous events for the freshman class of IISE and met monthly to evaluate recent events and give feedback

SKILLS

- ReactJS, JavaScript, Java
- Python
- MATLAB
- HTML/CSS
- AWS (basic)
- Structural design analysis (material, structure)

COURSES

- IE300 – Analysis of Data
- SE310 – Design of Structures & Mechanisms
- SE311 – Engineering Design Analysis
- SE312 – Instrumentation and Test Lab
- SE320 – Control Systems
- SE410 – Component Design
- SE424 – State Space Design for Contro