JENNY LAM

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Education

Northwestern University, Evanston, Illinois   Expected June 2021
Master of Science in **Computer Science** | Bachelor of Science in **Computer Science**
Segal Design Certificate for Undergraduates

Experience

Northrop Grumman, Arlington Heights, Illinois
Software Engineering Intern, SWDT Targeting   June 2019 - August 2019
- Supported LITENING advanced targeting pod product line by developing embedded systems software in C++. Collaborated on agile software development teams, managing processes with Atlassian tools such as Jira, Bitbucket, and Confluence
- Performed code quality and security assurance by identifying and resolving issues in LITENING aircraft interface codebase using Coverity static analysis

HotPlate App Startup, Evanston, Illinois
Entrepreneurial Design Thinking and Communication Project   March 2018 - September 2018
- Designed and prototyped dish-specific food review mobile application allowing users to discover personalized popular cuisine and restaurant options in downtown Evanston area
- Analyzed food app market research, user and performance testing, and client interviews to wireframe select product features and refine business model canvas
- Managed four-person team project documentation, decision-making, and task completion using responsibility allocation matrices

Leadership

Northwestern .dev, Evanston, Illinois
Design Lead and Marketing Director   March 2019 - Present
- Organized bi-monthly workshops in UI/UX and graphic design to help aspiring developers iteratively wireframe and test interfaces for yearlong student development projects
- Maintained social media platforms, designed promotional materials, and spearheaded recruitment campaign to increase membership and participation in club sponsored hackathons, workshops, socials, and mentorship program

NU Academic Support and Learning Advancement, Evanston, Illinois
Engineering Analysis Senior Facilitator and CS Peer Mentor   September 2018 - Present
- Coordinated with student facilitators to plan weekly peer-guided study session activities and practice exercises for first-year linear algebra, MATLAB, statics, and dynamics courses
- Assisted faculty in shaping introductory computer science courses by sharing feedback gained from hosting weekly Racket programming/web development tutorials and office hours

Technical Skills

Programming   Python, C++, C#, HTML/CSS, Javascript, React
Other   MATLAB, Android Studio, Raspberry Pi Zero, 3D Printing and Prototyping