

Daniel Ra

Product Designer + Software Engineer

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Experience

User Experience Engineering Intern

Jun.2017 - Aug.2017

SAP | Bellevue, WA

- Programmed a new feature for SAP's travel expense application using Swift; worked under supervision of the senior Scrum Master and Director of Product.
- Created high-fidelity screen designs within Sketch using corporate style guides that were later imported into proto.io for user-testing prototypes.

Software Engineering Intern

Oct.2016 - June 2017

T-Mobile | Bellevue, WA

- Wrote an Angular based analytics dashboard for the Senior BI team, used various API's to draw information for stock prices, and Google maps locality data. Automated the program to draw from dynamically generated CSV files.
- Solely developed a support tool that was later integrated into the official T-Mobile Call Centers to be used by thousands of care representatives.

Information Technology Intern

Jan.2016 - Apr.2016

Nbbj | Seattle, WA

- Incorporated front-end technologies, and user-interface design to create the Nbbj global training-platform.
- Led a UX sprint for the global Intrasite that involved research and experience design. Successfully implemented these assets onto the platform.

Communications, and Web Development Intern

Aug.2015 - Feb.2016

Xenonarc | Bellevue, WA

- Tasked with the graphical layout design, and front-end development of three extraprise microsites.
- Developed and designed a unified community portal that included a calendar, blog, and file-sharing feature for all departments.

Projects

Genesis (Genome Sequencing Analysis Platform)

Oct.2016

Collaborated with UW Researchers to develop a DNA sequencing program that helps geneticists analyze information more efficiently.

Founder Identity Studio LLC.

Sep.2011

Created a platform that connected design students from across the globe with opportunities in Seattle. Worked with clientele to draft over 32 Design Briefs.

Education

Bachelor of Molecular Cell Biology | Minor: English

Jun.2018

University of Washington, Seattle

Bachelor of Information Systems | Applications Development

Jun.2018

Bellevue University, Omaha

Awards & Achievements

Featured on Issues # 48, and 55 of Advanced Photoshop International Magazine
Semi-Finalist of the Nvidia Speak Visual Design Digital National Competition
University of California, San Diego Interaction Design Specialization Cert.
Coding Dojo Full Ride (\$12,000) | Impact Scholarship Recipient
2x Winner of the Adobe Creative Suite 5 National Competition
University of Washington | Bellevue University Dean's List

Skills

Design

Mobile, and Web Interface
Interaction Design
Storyboarding
User Personas
Matte Painting
Wireframing
Illustration
Branding

UX Methods

Survey and Interviewing
Competitive Analysis
Affinity Diagramming
Heuristic Evaluation
Data Analytics
Task Analysis
Card Sorting

Software Tools

Adobe After Effects
MSQL Workbench
Adobe Photoshop
Invision | Proto.io
Adobe Illustrator
Raspberry Pi
Sketch 3
Basalmiq
Tableau
Xcode
Alteryx

Development

Javascript | Node.js | Angular.js | Mongo
Swift 3 | Sockets | Core Data | Firebase
Python | Django | Web Crawler | Shell
Html | Css | Less | JQuery | Bootstrap
AWS Deployment | Alexa Toolkit
MySQL | NoSQL | ERD Diagrams
Data Structures
GIT
R

MISC. Skills

Computer Hardware Technician
Fluency in Korean, English
Microsoft Office