

FRANCIS NGUYEN

FRONTEND WEB DEVELOPER

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EDUCATION

University of Washington

Bachelors of Science, Informatics (Spring 2016)
Focus in Human-Computer Interaction

Courses in full-stack web development and design, human-computer interaction, information/data visualization design, data science, information architecture.

LEADERSHIP

Early Entrance Mentorship Program

Founder, Co-President (Sept 2012 - Present)

CoMotion Makerspace

Social Outreach Chair, Space Captain (Sept 2014 - Present)

ModHacks

Co-Founder, Organizer (Dec 2015 - Present)

Dubhacks

Volunteer, Hardware Hacker Specialist (Sept 2014 - Jan 2015)

PROJECTS

CoMotion Makerspace

Social Outreach Chair, Space Captain

Worked with members from the UW CoMotion Incubator to organize, run and advertise the new CoMotion Makerspace. Led meetings with various professors from Informatics, Design, CSE, and Human Centered Design to offer prototyping and critical making classes in the space.

SpaceWars 2014

Full-Stack Developer

Used Node.js and Socket.io to build concurrent multi-player web app for the vintage game Space Wars. Wrote physics, collision detection engines along with Node.js server. Placed at Seattle Facebook Regional Hackathon

For a detailed Portfolio, visit www.fmnguyen.com

EXPERIENCE

UW Information School

Teaching Assistant (Dec 2015 - Present)

Teaching assistant for INFO 474, Interactive Data Visualization. Gave lectures on visualization tools (D3.js, Tableau), color theory, visualization animation and visualization interaction. Led labs for Tableau and D3.js and assisted implementation of D3 graphics.

LearnTogether

Full-Stack Developer & User Researcher (Sept 2013 - Feb 2015)

Developed requirements for a gamified professional education system. Transitioned to Full-Stack Developer after completing research in Sept. 2014. Used MySQL, Express, Node.js and AngularJS to develop a scalable web-application.

Workday, Inc

Associate Application Developer Intern (Jun 2014 - Sept 2014)

Expanded schema and wrote/exposed APIs in Workday's development framework to build functionality of External Career Site tools. Developed predictive peer feedback algorithm surveying existing employees to provide opinions on job applicants in the job application process.

College Mapper

Information Architecture Consultant (Dec 2013 - Mar 2014)

Provided information system analysis to the web-app's UI. Brainstormed and created mockups for new features. Advised new company strategies and concepts to improve percentage of stable users.

SKILLS

Technical

Java, HTML/CSS, Javascript, Sass/Less, Node.js, Socket.IO, Express, AngularJS, Polymer, PostgreSQL, R, D3.js, Tableau, Protovis

UX/Design

Website Maps, Personas, Wireframing, Framer.js, Sketch, Keynote, Illustrator, Rhino, 3D Printing, Lasercutting