Fiona Gridley

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Seeking full-time role beginning May 2021, open to relocation

Work Experience

Front End Web Development and Data Visualization Co-op | Indigo Ag
Jan. 2020 - Aug. 2020
- Developed test-driven front-end web tools for visualizing data from internal APIs using React with state management in rapid prototyping environment
- Shipped changes to front end of complex customer-facing geospatial data visualization platform written with VueJS and Vuex for major version release
- Spearheaded migration to more robust stack through addition of TypeScript, Jest, React Testing Library, and ESLint; documented guides for efficient adoption of tools
- Designed wireframes in Figma and InVision for componentized responsive web applications following company-wide design standards
- Built RESTful API for web-based data visualization web app in Python using SQLAlchemy and Flask with MVC architecture pattern

Front End Web Development and Data Analytics Co-op | Radial Analytics
Jan. 2019 - June 2019
- Awarded Research Experience for Undergraduates funded by NSF
- Increased company exposure and client engagement by redesigning and rebuilding company website using React and MaterialUI in Agile environment
- Improved usability and responsiveness by recommending and implementing UI changes to product's React/Redux front-end, debugged using enzyme with Jest
- Established design knowledge base for entire developer team by leading design workshops and product UX/UI discussions
- Initiated analysis of Medicaid data to identify patient risk factors using Python/ pandas, built Python Django RESTful API infrastructure for new Medicaid product

Leadership

Head of UX Design | Sandbox
Jan. 2019 - Present
- Managed team of 10 student designers working across 8 web and mobile software projects, encouraged design community within developer-focused club
- Lead weekly design critiques and UX design workshop series to increase club-wide expertise in Figma, UX design principles, and user testing

Futurelab Workshop | Ars Electronica
July 2019
- Tutored team of 5 first-time programmers on creative coding topics and object oriented design best practices in Processing language
- Created generative animation to be displayed on facade of Ars Electronica Museum in Linz, Austria during Ars Electronica Festival 2019

See portfolio website or GitHub for personal projects

Education

Northeastern University | 3.7/4.0
Expected Graduation: May 2021
- Bachelor of Science in Computer Science and Design
- Relevant Coursework:
  Human Computer Interaction,
  Artificial Intelligence,
  Software Development,
  Data Analysis,
  Algorithms & Data,
  Object-Oriented Design,
  Graphic Design 1 & 2,
  Information Design,
  Typography 1 & 2

Mahidol University
Aug. 2019 - Dec. 2019
- Study abroad semester in Bangkok, Thailand

Skills

Programming Languages
Typescript, JavaScript, HTML5, CSS3, Python, Processing, Java, R

Libraries & Frameworks
ReactJS, Redux, VueJS, Vuex, NodeJS, Git, Jest, Sass, AJAX, jQuery, Babel, pug, SQLalchemy, Flask, MaterialUI, Gatsby, GraphQL, pandas, Django, Wordpress

Design Tools
Figma, Adobe Suite (Illustrator, InDesign, Photoshop), InVision, Sketch