Amanda L. Chiu

amandachiuu.github.io

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EDUCATION

New York University, New York, NY
B.A. in Computer Science, Courant Institute of Mathematical Sciences
           Anticipated Graduation: May 2020 | GPA 3.66 / 4.0
Relevant coursework: Data Structures & Algorithms, Object-Oriented Programming, Parallel Computing,
                     Operating Systems, Linear Algebra, Probability & Statistics, Applied Internet Tech

SKILLS

Programming Languages: [Proficient] Javascript (ES6) • Java **;** [Familiar] Python • C++

Frameworks/Libraries: React • Redux • NodeJS • MongoDB • GraphQL

Technologies: Github • TFS • Agile Development (Scrum) • Adobe Illustrator • AxureRP Pro

EXPERIENCE

Research Assistant   Jun - Aug 2018
NYU Tandon School of Engineering, Summer Research Program
- Collaborated with cyber fraud investigators to design web tool that visualizes email communication patterns between scammers and targets
- Defined project from high-level objectives and features to weekly tasks, including reading visualization papers, coding, and scheduling weekly meetings with mentor to discuss project improvements
- Implemented web tool using React-Redux, API calls using GraphQL

Software Developer   Jan - July 2018
NYU Information Technology
- Collaborated in team of 4 to develop front-end of large-scale capital project management site using React, Redux, Typescript, and Material UI
- Worked closely with project owner and product development team to design simple, intuitive interface
- Engaged in daily Scrum meetings, sprint planning, sprint demos, and sprint retrospectives

UX/UI Designer   July - Dec 2017
NYU Information Technology
- Designed wireframes, user flows, process flows, and site maps for 3 internal-NYU Web and mobile applications, using Adobe Illustrator and AxureRP Pro wireframing tool
- Improved product designs based on feedback from NYU clients (including Apple and KPMG)
- First student UX/UI Designer in department; aided in recruiting 2 hired student designers/developers

PROJECTS

TutorMe   Mar - May 2018
https://tutorme-ait.herokuapp.com/
Class final project | Web application that connects students with peer tutors
- Designed and developed MERN application on one-month deadline
- Incorporated PassportJS for authentication, Axios for API calls; deployed to Heroku

Best Invest   Oct 2017
https://github.com/lihelennn/best-invest
BostonHacks | Web visualization that compares return investment on stocks vs. index funds
- First time using React; designed and developed front-end visualization using ChartJS
- Won prize at BostonHacks 2017