

Minwei Xu

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Github: [@vanshady](https://github.com/vanshady) LinkedIn: [@minweixu](https://www.linkedin.com/in/minweixu)

- Full-stack web, mobile, and backend developer with dabbling in data science. Devoted to open-source projects.
- Extensive experience with React.js, Swift/Objective-C, and Java.
- Familiar with Node.js, Python, C/C++, SQL, Nginx, Redis, and Linux.

EDUCATION

Johns Hopkins University - Rising Junior

Sep 2016 - June 2019 (Expected)

- B.S. in Computer Science and Applied Mathematics & Statistics
 - GPA: 3.88 / 4.0
 - Dean's Honor List (All Past Semesters)

University of California, Davis

Sep 2015 - June 2016

- B.S. in Computer Science
 - GPA: 3.97 / 4.0
 - Dean's Honor List (All Quarters)

PROFESSIONAL EXPERIENCE

Facebook - Software Engineer Intern

Menlo Park, CA (May 2017- Present)

- Full stack development with Objective-C, PHP(Hack), and GraphQL.

Picksy - Co-Founder and CTO

Baltimore, MD (February 2017- Present)

- In charge of the development and deployment of iOS application as well as the whole architecture.

NewA Tech - Full Stack Developer

Shanghai, China (June - August 2016)

- In charge of the development of application. Launched the first demo from scaffold in four weeks.
 - Created robust **Python** code to preprocess data, render plots, and auto select machine learning models accordingly.
 - Connected **Node.js** server to jupyter server. Developed front-end in **React** and **Redux**.

RESEARCH

Johns Hopkins Information Security - Researcher

Spring 2017 - Present

- Working with Doctor Anton Dahbura to design a workflow system for the home infusion group.

Johns Hopkins Carey Business School - Research Assistant

Fall 2016 - Spring 2017

- Worked with Doctor Shweta Gaonkar. Processed a big dataset. Built a robust web scraper and parsed data.

UC Davis ViDi Lab - Researcher

Fall 2015

- Worked in Professor Kwan-Liu Ma's Visualization & Interface Design Innovation (ViDi) research group.
 - **Living Liquid** - An interactive visualization of marine animal migration. Currently on exhibition at Exploratorium. Developed by Express, Backbone, and Gulp.
 - **Neuroscience Research** - Worked with a neuroscience group to explore better data visualization methods by D3.js

SJTU BASICS Lab (Data Visualization) - Researcher

Summer 2015

- Worked with Professor Xiaoju Dong at Shanghai Jiao Tong University. Developed by D3.js

AWARDS

- 2016 **ACM-ICPC Mid-Atlantic Region** Honorable Mention
- 2016 **HopHacks** 3rd Place Overall
 - Orgo Savior - An Augmented Reality iOS app for the visualization of molecules.
- 2016 **HackDavis** Most Innovative Hack | Best UX With Amazon Alexa
 - Chrome Voice Assist - A chrome extension that can control the browser by Amazon Echo.
- 2016 **UC Davis Algorithm Hackathon** 1st/80
- 2015 **ACM-ICPC Pacific Northwest Region** Division 1 Honorable Mention
- 2015 **HackingEDU** Best Collaboration Hack Using Moxtra

CONTRIBUTIONS AND ACTIVITIES

- **HopHacks** | Organizer | 2017 - Present | A hackathon based at Johns Hopkins University.
- **SiliconHacks** | Organizer | 2017 Spring | A social-impact hackathon based in Silicon Valley.
- **Computer Science for Kids** | Volunteer | 2015 Fall | Taught 40 elementary school students to program.
- **angle-to-direction** | Author | An npm package with 2000+ downloads.
- **hackathon-starter** | Major Contributor | A boilerplate for Node.js web applications with 18000+ stars.
- **CMS** | Translator | A contest management system for IOI and other contests.
- **Contributed** to D3.js, React.js, and many other projects.