

Jamie Yu

— Senior Software Engineer

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Technical lead with experience developing roadmaps with cross-functional stakeholders, navigating rapidly evolving product landscapes & delivering across **multidisciplinary** environments (regulated software, biotech, and consumer). Strong passion for bettering **population health outcomes** & leveraging technology to create **equitable** and **accessible** solutions.

Skills & Proficiency

>> JavaScript (ES5/ES6, Node JS), TypeScript, Dart (Flutter), Closure, Sass/CSS, HTML
>> Java, Python, MATLAB, R Programming

Work Experience

Google *Senior Software Engineer*

January 2020 - **Present**

Worked within 3 consumer product areas - Health, Fitbit, and Search - on web and mobile products.

Skillful Tech Lead responsible for collaborating with user researchers, designers and product leads to deliver short- (1 year) and long-term (3-5 year) vision for groups of engineers. Trained in metric-driven design & analysis to verify production launches are high impact and excellent user experience.

>> *Bazel, gRPC, Java, Dart (Flutter), TypeScript*

Verily Life Sciences *Software Engineer III*

September 2018 - January 2020

Developed and released regulated infrastructure to assist with validation and monitoring of an API product ([ARDA](#)) used for automated ML detection of Diabetic Retinopathy. **Experienced individual contributor with practice in software architecture design & decision-making and implementation of key milestones supporting the team's objectives.** Member of the Computer Assisted Diagnostics team, supporting the global software production & deployment through oncall/incident response.

>> *Bazel, gRPC, Java, Guice, JavaScript*

Verily Life Sciences *Software Engineering Intern*

May 2017 - August 2017

Developed a web application for showcasing capabilities of an API product ([ARDA](#)) used for automated ML detection of Diabetic Retinopathy to internal Alphabet stakeholders.

>> *JavaScript, Closure, Sass*

Case Center for Imaging Research *Research Assistant*

September 2016 - April 2017

Performed labeling and image registration to assist the development of a semi-automatic validation tool for whole mouse metastatic tumor molecular imaging.

>> *Amira, MATLAB, NiftyReg*

Google *Engineering Practicum Intern*

May 2016 - August 2016

Side Projects

Code Next ([about](#), [repository](#))

2019 - 2021

Taught web development curriculums to students, mentored 1-on-1 female students interested in STEM.

Techlab ([about](#), [repository](#))

2018

Developed a 30-week Java programming curriculum to prepare students for AP Computer Science..

Education

Case Western Reserve University

2014 - 2018

B.S. Biomedical Engineering (Computing & Analysis), **Electrical Engineering** (Biomedical Applications)

- **GPA:** 3.8/4.0, **Honors:** Magna Cum Laude
- **Coursework:** Algorithms and Data Structures, Biomedical Image Processing & Analysis, Signal Processing, Modeling & Simulation of Continuous Dynamical Systems, Modeling of Biomedical Systems, Linear Algebra, Discrete Mathematics
- **Leadership & Awards:** Education Services for Students (Peer Tutor), Biomedical Engineering Society (Vice President), Case Alumni Association (Scholarship Award Recipient)