Jamie Yu
— Senior Software Engineer

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Technical lead with experience developing strategic 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.

Work Experience

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

Senior Software Engineer   April 2021 - **Present**
- Experienced Tech Lead in consumer product areas (Health/Fitbit and Search) across web/mobile surfaces, leading teams of 3-5 engineers by providing thought leadership for new initiatives, collaborating with user researchers, designers and product leads on strategy, and delivering technical roadmaps for short-term (1 year) deliverables and long-term (5 year) horizons.

Software Engineer III   January 2020 - April 2021
- Accomplished Superb rating on annual review for excelling at technical leadership and execution, resulting in early promotion in less than 2 years to Senior Software Engineer (L5).

Software Engineering Intern   May 2016 - August 2016

Verily Life Sciences
>> *Bazel, gRPC, Python, Java, Guice, JavaScript, Closure, Sass*

Software Engineer III   September 2018 - January 2020
- Drove software architecture design, led decision-making and implemented key milestones to support team objectives.
- Worked in a startup style environment by prototyping a web-based platform for retinal image grading and evaluation of Diabetic eye disease for the telemedicine/remote health usecase.

Software Engineer II
- Developed and released regulated infrastructure to assist with clinical validation of a suite of global API products (including ARDA) used for automated ML detection of Diabetic Retinopathy.
- Received Superb rating on annual review for tackling challenging opportunities, resulting in early promotion within 1 year to Software Engineer III (L4).

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.

Side Projects
Code Next (about, repository)
Taught web development curriculums to students, mentored 1-on-1 female students interested in STEM.
Techlab (about, repository)
Developed a 30-week Java programming curriculum to prepare students for AP Computer Science.

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

Interests
Public Health advocacy (current UC Berkeley MPH candidate), fitness coaching, and endurance training.

Education
Received **Bachelor of Science** in **Biomedical Engineering** (Computing & Analysis) and **Electrical Engineering** (Biomedical Applications) with Magna Cum Laude honors and 3.8/4.0 GPA from **Case Western Reserve University** (2014 - 2018).
- **Leadership & Awards**: Education Services for Students (Peer Tutor), Biomedical Engineering Society (Vice President), Case Alumni Association (Scholarship Award Recipient)