

EXPERIENCE

Seesaw Learning - Senior Software Engineer

2017 - Present

Seesaw is a student-driven digital portfolio that helps students take ownership of their learning at school. I worked as both an IC and Tech Lead on several teams with experience in the full stack ranging from platform and cloud infrastructure all the way to modern frontend and mobile development.

- Maintained Seesaw's entire infrastructure and security through key periods including a high growth phase and a major platform migration as a Tech Lead of the platform team.
- Balanced cost and reliability by leveraging cloud technologies to save over half a million dollars a year in server spend.
- Collaborated closely with PMs, designers, customer service, and customers directly to develop fullstack, end-to-end features in the backend, on web, and on mobile apps.
- Ran annual security penetration tests and a bug bounty program to proactively monitor and fix security vulnerabilities across the stack.
- Created a metrics pipeline and dashboards containing key business metrics used by leadership to forecast growth and sales across the organization.

ASG at Google - Android Training Specialist

2016 - 2017

I developed high quality Android training material including a university level textbook, online courses with Udacity, sample apps, and documentation at Google.

- Created a beginner, intermediate and advanced curriculum using modern best practices for both in person and online education formats.
- Traveled internationally to deliver "Train the Trainer" sessions distributing Android training content.
- Collaborated with Udacity to create Google branded up to date Android development content.

SKILLS

Programming Languages: Javascript, Typescript, Python, Kotlin, Rust, Go, SQL, Swift, Java, Objective-C, Groovy

Frameworks: React, Vue, Redux, Angular, Django, Flask, Tornado, Gatsby, Android Studio, iOS XCode

Platform/Infrastructure Tools: AWS, GCP, Cloudflare, Jenkins, Github Actions, Docker, Kubernetes, Terraform, Serverless, GSuite

Spoken Languages: French (advanced), Russian (advanced)

EDUCATION

University of California, Los Angeles (UCLA)

2011 - 2016

Bachelors of Science, Physics Degree

Udacity, Online

2015 - 2016

Completed the Android Developer Nanodegree

Relevant Coursework: Intro to Computer Science, Developing Android Apps, Intro to Java Programming, Advanced Android App Development, Android Design for Developers, Gradle for Android and Java, Google Play Services

INTERESTS

Crossword Puzzles, Rock Climbing, Shakespeare, Classical Piano, Learning Languages, Traveling, Environmentalism, Intellectual Puzzles and Challenges of any kind.

Take a look at my website at gamolsky.net to see what I'm working on!