

# Ridley Larsen

Full-Stack Software Engineer

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## Professional Experience

**Full Stack Software Engineer** - *Pop Research / Dynata* (06/2017 - 07/2021)

Worked with project managers and shareholders to build the Pop Research Automated Research Platform. Implemented features using Django and React to build a rich web application experience. Utilized Github and AWS for deployments. Built integrations with four other services and connected with software teams to build and publish API integration packages.

**Software Engineer** - *Rocketmade (defunct)* (01/2017 - 03/2017)

Provided development services to help finish a client project involving store security and inventory management using Ruby on Rails and AWS.

**Freelance Software Engineer** - (09/2016 - 01/2017)

Provided contracted development services to businesses local to southern Utah. Utilised my expertise with Django to quickly develop custom websites and administration platforms. E.g. Built a custom management platform to help the St. George Children's Museum track volunteer hours.

**Software Engineer and Curriculum Developer** - *CodeChangers* (02/2016 - 09/2016)

Worked with a remote team to help build an online learning management system. Designed, wrote, and edited Computer Science curriculum for after school programs, self-guided learning, and classroom material for Elementary school teachers. Built interactive coding exercises and learn-to-code games for summer camps.

**Software Engineer** - *Velocity Webworks / Zonos* (09/2013 - 02/2016)

Worked directly with clients and teammates to develop custom web applications for a variety of clients from the ground up. Worked as the sole full stack engineer on client projects and reported progress to managers and shareholders. Wrote the company code style guide for Python & Django.

## Skills and Technologies Used

Python, Go, Javascript & Node.js, React, Django, gRPC, Docker, AWS (EC2, Elastic Beanstalk, RDS), MySQL, PostgreSQL, Elasticache, Redis, MacOS, Linux. Details provided on request.

## Education

**ASc. Computer Science**, Utah Tech University (*fmr. Dixie State University*), 2011 - 2016.

Specialised in web application development and user experience. Worked as a TA to provide tutoring services for students taking a Django seminar course provided by my employer.