

Dan Haggerty

Detroit, Michigan
810.923.0941
daniel.r.haggerty@gmail.com

Experience

Twitter

Detroit, Michigan

Senior Software Engineer, Trust and Safety

April 2018 – November 2022

- Developed internal tools for improving the safety of Twitter users using React, Typescript, and Scala
- Turned requirements into web applications used by thousands of agents working in areas of abuse, spam, child safety, hate speech, copyright, legal demands, law enforcement requests, and many more domains
- Designed tool features for improving the mental well-being of Twitter agents exposed to harmful content
- Owned a React UI component library used by multiple teams to speed up the development of features

Google (Contract)

Mountain View, California

Software Engineer, Pixel

May 2016 – April 2018

- Developed code for the Live Case customization platform using Google Cloud Platform and App Engine
- Implemented a new UI using AngularJS and ES6, increasing purchase conversion rate by 30%
- Designed an image moderation service built on computer vision and machine learning APIs
- Added integrations with multiple vendor systems through a RESTful web API

VMware (Contract)

Palo Alto, California

Software Engineer

October 2015 – May 2016

- Developed new features, worked with stakeholders to improve a new release management web application built in Django and AngularJS
- Refactored the web app's frontend and implemented a Javascript framework using AngularJS
- Integrated app with Confluence and other internal web applications through a RESTful API

AltaTec

Guayaquil, Ecuador

Lead Software Engineer

September 2014 – August 2015

- Developed custom ERP software implementations using Python and the Odoo ERP platform
- Created an automatic backup process of PostgreSQL databases using Python and Amazon S3
- Supervised the deployment and maintenance of 12 cloud systems using Amazon Web Services
- Managed and trained a team of 4 software engineers to deliver fast client solutions

ION Geophysical

Houston, Texas

Software Engineer

September 2012 – August 2014

- Developed code for a high-performance, parallel seismic data processing system in C++
- Designed and implemented various geophysical data processing modules
- Improved the memory and runtime efficiency of existing seismic processing algorithms

Education

Grand Valley State University

Grand Rapids, Michigan

Bachelor of Science in Computer Engineering

August 2012

Skills

- Web application development using React, Redux, Typescript (or Javascript), Python, and Scala
- UI component library development and maintenance using React and styled-components