

RUBEN GILBERT

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Software Engineer with broad technical skillset spanning cloud and desktop applications. Experience developing and testing production systems, internal tools, and automation frameworks.

SKILLS

LANGUAGES	<i>Proficient:</i> Python, C#. <i>Exposure To:</i> JavaScript, Java, C/C++, HTML/CSS, Bash, SQL
LIBRARIES/APIs	Flask, Django, unittest, pytest, NUnit, OpenGL/WebGL, ThreeJS, Selenium, AMQP, WMI
TOOLS	Docker, git, ElasticSearch, Kibana, Datadog, Unity, Jira, Confluence, Azure DevOps, Codefresh.io, Jenkins, Visual Studio [Code], Helix ALM, Jama, Microsoft Office
OPERATING SYSTEMS	Linux, MacOS, Windows, FreeBSD
AWS	EC2, ECS, CloudFormation, API Gateway, S3, Lambda, DynamoDB [NoSQL], CloudHSM, RDS
AZURE	Service Bus, Functions, Blob Storage, AKS
PROCESS/DESIGN	Agile (SCRUM), Kanban, Object-Oriented Programming (OOP), Test-Driven Development (TDD)

EMPLOYMENT

Surgalign

San Diego, CA (Remote)

Senior Software Development Test Engineer

Dec 2021—Present

- Designed, developed, and maintained a real-time synchronization system for Azure DevOps and Helix ALM work items.
- Designed, developed, and maintained a custom-built Python framework used to test the HOLO Portal (a multi-screen desktop application). Reduced per-build regression testing time from 2+ hours to ~6 minutes.
- Co-led the adoption of Helix ALM to merge processes of multiple acquired companies. Automated the conversion of existing Jama Connect data into Helix. Core Administrator of Helix.
- Mentored 2 junior and 1 mid-level engineers.
- Interviewed 40+ candidates across multiple disciplines and levels within the organization.

Smith & Nephew

San Diego, CA (Remote)

Automation Engineer (Senior)

July 2021—Dec 2021

- Designed and developed a REST API testing framework (Python, pytest).
- Mentored 6 members of a remote, globally distributed Test Engineering team.
- Major contributor to alignment of various stakeholders for two major product releases.

Verimatrix

San Diego, CA (Remote)

Development Test Engineer II

March 2021—July 2021

Development Test Engineer I

January 2020—March 2021

- Designed and implemented the testing strategy (unit, integration, system, load, acceptance, and regression testing) for the TV Everywhere Authentication API and the AWS-port and rewrite of the company's license generation system.
- Implemented bug fixes for a variety of internally- and externally-found TV Everywhere defects.
- Designed and implemented a custom test framework used to validate Identity Provider integrations.
- Co-designed the migration strategy and performed all relevant testing to successfully migrate a live, production application to a new AWS account with zero downtime.
- Interviewed dozens of candidates (both QA and Dev), providing detailed insights which correlated to 2 successful hires.

Reflexion Health

San Diego, CA

Software Development Engineer in Test

July 2019—Nov 2019

- Designed and implemented: an integration testing tool for a modular .NET application, an automated Windows 10 build verification system, and a test suite using C#, Selenium/WebDriver, and NUnit for the VERAClinic web application.
- Mentored an intern over 4 months.

Middlebury College

Middlebury, VT

Assistant in Computer Science Instruction

July 2016—June 2019

- Taught lectures; supervised lab sections; mentored students of all levels; provided single and group assistance to students.
- Managed and trained the department's peer tutors and graders.

Instructor *Special appointment typically reserved for PhD holders*

Fall 2017, Fall 2018

- Independently authored written assignments and recorded instructional screencasts.

EDUCATION

Middlebury College

Middlebury, VT

B.A. Computer Science — Cum Laude — 3.54 / 4.0

2011—2015