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### ***Objective***

***I am seeking a challenging position as a full stack developer.***

### ***Experience***

3/2021 - Present

Full stack developer

- Developed applications using HTML, CSS, JQuery, Javascript, Express, MySQL, and nodeJS
- Portfolio of work samples: <https://ts795.github.io/updated-portfolio-of-work-samples2/>

8/2017 - 3/2021

Fitbit/Google, San Francisco, CA

Staff Development Engineer

- Manager for a team of 2 lab technicians and 1 software engineer.
- Designed and implemented Python packages for Fitbit's device testing infrastructure. (Python)
- Lead for Fitbit test resource management software. (Python, Angular)
- Test automation lead for Fitbit bluetooth testing on Android. (Python and C)
- Maintained Ansible playbooks for the test automation lab.

3/2017 - 6/2017

Ridecell (Contractor), San Francisco, CA

QA Automation Engineer

- Automated test cases for the following Ridecell products:
  - Android and iOS apps using Appium and Python.
  - Dispatcher web site using Selenium and Python.
  - REST APIs using Python and the Python requests package.
- Set up Jenkins jobs to run mobile test cases.

12/2015 - 12/2016

Hotwire, San Francisco, CA Software Engineer

- Wrote automated tests for the Hotwire iOS app using Appium/Java and XCUITest/ Swift.
- Set up Xcode bots to run XCUITests as part of continuous integration.
- Reviewed stories created by product management and created test cases in Testrail based on story requirements.
- Performed manual regression testing for the Hotwire iOS app.
- Performed manual testing of functional, interface, and design requirements for new features in the Hotwire iOS app.

9/2012 – 10/2015

Evernote, Redwood City, CA

Software Engineer

- Wrote Python scripts to measure precision and recall for search and recipe classification APIs. Integrated scripts with Jenkins.
- Wrote scripts in Java and Apple UIAutomation Javascript for testing the Evernote for iOS application. Integrated scripts with Jenkins.
- Maintained automated tests for the Evernote for Android app that were written in Java and used Espresso and Robotium to interface with the app.

10/2008 – 9/2012

Northrop Grumman, San Jose, CA  
Systems Engineer

- Created use cases for requirements analysis.
- Created system level concept of operations and subsystem requirements for new system capabilities.
- Created requirements specifications for hardware components.

4/2003 – 10/2008

Northrop Grumman, San Jose, CA  
Software Engineer

- Created tools for performing system RF characterization and system EMI testing. (Python and C)
- Designed, implemented, and tested software that ran on vxWorks for controlling a RF receiver. This included resource management and writing real-time tasks for managing the receiver. (C)
- Designed, implemented, and tested software for performing RF receiver operational readiness testing. (C++ and C)

### ***Computer Skills***

Languages: C, Python, C++, Java, SQL

Operating Systems: VxWorks, Unix/Linux

### ***Education***

3/2008

Master of Science in Electrical Engineering;     Stanford University, Stanford, CA

12/2002

B.S. in Electrical and Computer Engineering;     U.C Berkeley, Berkeley, CA