

Manpreet Dhindsa

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EDUCATION

University of California, Irvine GPA: 3.3/4.0
B.S. in Computer Engineering
September 2015 – June 2019 in *Irvine, CA*

SKILLS

Programming: Python, Java, C#, SQL, C, C++, HTML, SystemVerilog
Other (Technical): Jenkins, Test Suite Development, Test Automation, Android Studio

EXPERIENCE

Karl Storz Imaging, **Software Integration/Test Engineer**

October 2019 – Present in *Goleta, CA*

- Writing automated tests to streamline the testing process using C#
- Developing custom test scripts to perform integration testing using Python
- Creating test plans based on software and system requirements

UC Irvine Henry Samueli School of Engineering, **EECS Technical Research Assistant**

October 2018 – March 2019 in *Irvine, CA*

- Designed and tested mixed-analog circuits using various oscilloscopes (traditional and Analog Discovery 2)
- Wrote efficient data processing scripts using Python and SQL to analyze trends

UC Irvine Paul Merage School of Business, **Web Development Intern**

October 2016 – March 2017 in *Irvine, CA*

- Designed new features for the release of the redesigned school website using HTML, CSS, and JavaScript
- Assisted in troubleshooting issues on web-based systems

PROJECTS

Tic-Tac-Toe (Python)

- Developed an unbeatable AI
- Challenge the AI at github.com/mrdhindsa/Artificial-Intelligence

SolarPedal (Java, Python, RaspberryPi)

- Created a portable electric power source using solar cells
- Designed an application to display trends of power using current and voltage sensors