

# Manpreet Dhindsa

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## EDUCATION

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

## SKILLS

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Programming: Python, Java, C#, SQL, C, C++, HTML, SystemVerilog  
Other (Technical): Test Automation, GoogleTest, GoogleMock, Android Studio

## EXPERIENCE

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

October 2019 – Present in *Goleta, CA*

- Writing automated tests to streamline the testing process using C#
- Increasing component coverage using Gmock/Gtest (unit testing)
- Developing 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

## PROJECTS

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### Tic-Tac-Toe (Python)

- Developed an unbeatable AI
- Challenge the AI at [github.com/mrdhindsa/Artificial-Intelligence](https://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