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): Test Automation, GoogleTest, GoogleMock, 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#
- 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 Neurobiology and Behavior, **Technical Research Assistant**
October 2018 – January 2019 in *Irvine, CA*
- Used Python to find scientific insights and analyze trends in neurobiological datasets
- Designed a MySQL database to manage datasets

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

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