Devin Patel
Full Time Student

Education

University of California, Irvine **Expected Graduation: June 2019**
- B.S. Computer Science and Engineering, Henry Samueli School of Engineering

Yorba Linda High School **Graduated June 2015**
- Graduating Weighted Cumulative GPA: **4.64**

Work and Volunteer Experience

Community Assistant at Vista del Campo Norte **June 2016- July 2017**
- Create community engaging and career building programs for residents to promote self-growth and raise awareness of various on campus resources
- Facilitate relations between clients and administrative staff to run day-to-day operations
- Respond to spontaneous, emergency situations when on call
- Operate the apartment community's front desk, assisting walk-ins, taking phone calls, and providing property tours

American Red Cross Club **January 2016 - June 2017**
- Participated in various community service projects such as Book Doctor (refurbishing vandalized books) and Surfrider (local beach cleanup)
- Drove to an orphanage in Tijuana, Mexico, to actively participate in a toy drive through the Corazón de Vida Foundation and learned about the rigors the children go through daily.

Technical Experience

Custom Tic Tac Toe, Python
- Using Python, two player Tic Tac Toe was implemented modularly so the users can play either in the Shell console or the pop up tkinter graphical user interface (GUI)
- Players' names, game board size, and starting player turn can all be changed in the initial GUI Dialog window

LA Hacks, UCLA Hackathon
- 36-hour hackathon at UCLA in which my team and I made a Kaiser Permanente Scheduling System using React, Bootstrap, and Google Firebase

Date and Time Clock
- Embedded Software project using C and Atmel ICE programming
- Uses an LCD for output and keypad for time/date inputs

RISC-V Single Cycle Processor, System Verilog
- Implemented a single cycle that follows the RISC-V instruction set
- Has several modules such as Datapath, Controller, ALUController, ALU, RegFile, DataMemory, Mux2, Mux4.
- Currently upgrading processor to have pipelining and forwarding, which will eliminate data dependencies and control hazards.

Skills

Languages Spoken	*Technical Languages*	*Operating Systems*
English	Java, Python	Windows
Spanish	C, C++, System Verilog	Mac
Gujarati	React, Assembly, R	Linux
	HTML, CSS, BoostrapS	

Contact Information

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Honors and Awards

University of California, Irvine, Irvine, CA
- Dean's Honor List, Henry Samueli School of Engineering

Yorba Linda High School, Yorba Linda, CA
- Crimson Level Scholar (June 2015): Earned by having a GPA of 3.5 or higher, for completing at least 8 AP or Honors Courses, and for completing at least 100 recorded hours of Community Service.
- National AP Scholar (June 2015): Granted to students who receive an average score of at least 4 on all AP Exams taken, **and** scores of 4 or higher on eight or more of these exams
- Tutoring Commissioner for National Honors Society (September 2015-June 2015)

Website: devin-patel.com