

VICTOR PONTIS

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EDUCATION

Massachusetts Institute of Technology

2011-current

- Junior pursuing Bachelor of Science Degrees in Computer Science and Physics
- Enrolled in Algorithms, Game Theory, AI, Software Studio, & Quantum Mechanics II
- Relevant Coursework: Algorithms (twice), Computation Structures, Software Engineering, Discrete Math, Statistical Mechanics, Electromagnetism, Waves, & Relativity
- GPA: 4.9/5.0

Torrey Pines High School

2007-11

- AP Tests: 5's on Calculus BC, World History, Psychology, Biology, Physics B & C, Statistics, English Lang & Lit, US History, Macroeconomics, & US Gov
- 4.53 GPA; 2380 SAT; 800's on SAT II's for Math II, Physics and US History
- Completed Calculus III and Linear Algebra at San Diego State University during Junior Year

EXPERIENCE

Forward Deployed Engineer Intern at Palantir Technologies

Summer 13

Implemented a clusterable authentication server using Tomcat, Hazelcast, and Postgres in addition to some small data integration projects.

Research Assistant at England Lab MIT

Spring 13

Utilized MATLAB to improve a protein folding model for lysozyme based on hydrophobicity and steric constraints.

Software Engineer Intern at CardSpring

January 13

Added an API call and support page as well as created a daily MapReduce report.

Software Engineer Intern at Kyruus (Big Data Healthcare Startup)

Summer 12

Created and iterated on an internal Django application which allowed for database management.

Creator at Termstile.com

January 12-Current

Created and developed website as study tool with two friends. Working on implementing new features. Coded in HTML, CSS, Javascript, PHP and MySQL.

Research Assistant at La Jolla Institute for Allergy & Immunology

Summer 10

Researched STIM-ORAI calcium channel. Utilized electrophoresis, PCR, spectrophotometry, etc.

Student Ambassador & Orientation Leader

Spring 12-Fall 13

ACTIVITIES

Senior Class President

Fall 10-Summer 11

Scheduled all senior events (boat dance, lasertag, etc.). Gave commencement speech at graduation.

Track and Field

Winter 07-Spring 12

Varsity at MIT. High school: 3x letter. 400m - 4th in leagues. 2x County Champs. Captain.

Botball

Winter 09-Spring 11

Developed autonomous robots using Interactive C software. 10th overall at 2010 International Tournament. 1st overall & head-to-head in 2010 SoCal Tournament. Head of Software.

Manhunt

Spring 09-Spring 11

Manhunt is a massive game of hide-and-seek over 5 miles and 2 hours with cars and bikes. Organized multiple manhunts with over 250 people coming to each event from schools in the area.

SKILLS

Programming and Dev Ruby on Rails, Javascript, JQuery, Python, Java, MATLAB.

Hobbies Basketball, football, reading, sailing.