

Neil Patil

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EDUCATION

Liberal Arts and Science Academy High School (LASA)

Graduation: June 2016

GPA: **4.405 / 3.509**, Trustees Award (Top 10, 2014, 2015)

Test Scores: **SAT: 2350 ACT: 35 PSAT: 221**

National AP Scholar

AP Scores: English Literature, US History, Physics I,

National Merit Semifinalist

Calc BC, World History, Government, Comp Sci: **5**

Macroeconomics, Physics II: **4**

PROJECTS, WORK EXPERIENCE & VOLUNTEERING

Software Engineering Intern, Indeed Inc

June - August 2014, 2015

Summer 1: Prototyped an Android app for automatic resume based job search. Worked with UI designers and frontend web developers to develop a resume based job search webapp.

Summer 2: Created a system for autofilling job applications on third party websites using Resume data.

indeed.com is the highest-traffic job search website in the United States.

Skills: Python, Django, Java, Spring MVC, Android, HTML, CSS, Javascript, MySQL, JQuery, Git, Protobuf, REST

Freelance Developer, day-lighted.com

September 2014 - January 2015

Worked for an early startup which sold art through digital galleries. Architected and programmed the software powering the digital art galleries, placed in dozens of establishments around the world. The Android-based software loaded and displayed art from the company website while smoothly handling changes in data and network connectivity. Skills: Java, Android

manaTEAMS, manateams.com (formerly QuickHAC, quikhac.com)

December 2013 - present

Worked in a team of five to create an open source Chrome, Android, and iOS app. The apps retrieved data from school district gradebooks and displayed it in an intuitive format, allowing students to easily monitor grades and assignments. Collected over 8,000 users from two school districts. Skills: Javascript, Android, Java

Geobells: Location Reminders, geobells.com

July 2013 - present

Designed, developed, and supported an Android app for location-based-reminders, creating a custom location calculation algorithm to reduce high battery drain on the users device. Received over 15,000 downloads on the Google Play store with an average rating of four stars. Skills: Java, Android, Google APIs

AP Computer Science Tutor

September 2014 - present

Teaching LASA students Java and object oriented programming concepts for the AP exam. Skills: Tutoring

AWARDS, LEADERSHIP & EXTRACURRICULARS

LASA Science Olympiad - Team Captain (2014 - 2015)

lasascio.com

Co-managed tournament planning, fundraising, and team selection for a club of 80+ students while also competing in engineering events. Helped lead LASA to nationals for the first time in three years, placing 3rd nationally, the all-time highest finish of any Texas team. Placed 1st in the nation in Scrambler, an engineering event where competitors build a vehicle to safely transport an egg a fixed distance at high speed.

LASA Computer Science - Club Founder, Officer (2014 - 2015)

Computer Science (2012 - present)

Science Olympiad (2010 - present)

[USA Computing Olympiad](#) - Silver Division (2014)

[Nationals 2015](#)

[PicoCTF Security Competition](#) - Rank 18 / 3185 (2014)

3rd Place Team (2015)

[CSAW Computer Security Contest](#) - Rank 10 (2014)

1st Place Individual (Scrambler, engineering)

[HSCTF Hacking Competition](#) - Rank 7 / 767 (2014)

5th Place Individual (Mission Possible, engineering)

UIL Computer Science (2012 - present)

[MIT Invitational](#) - 1st (2015)

Intermediate Piano (2004 - present)

[Wright State Invitational](#) - 1st (2015), 3rd (2014)

Swim Team (2012-2014)

[Texas State Tournament](#) - 1st (2015), 3rd (2012-14)