

Neil Patil

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EDUCATION

Liberal Arts and Science Academy High School (LASA)

Graduation: June 2016

Trustee's Award (Top 10 GPA) (2014)

National Honor Society Member

AP Scores: Computer Science, World History: 5

GPA: 4.352 (weighted) / 3.472 (unweighted)

EXPERIENCE

Labs Software Developer Intern, Indeed Inc

June - August 2014

Prototyped an Android app for automatic resume and skill based job discovery using Indeed's tools and data as well as current frameworks and web technologies. Worked closely with UI designers, frontend web developers, and the Labs director to develop location and resume based job search webapps. Worked on a client Python wrapper for Boxcar, Indeed's internal distributed services protocol. Skills: Python, Django, Java, Android, HTML, CSS, Javascript, MySQL, JQuery, Git, Protobuf, REST

Freelance Developer, day-lighted.com

September 2014 - present

Architected and wrote software powering digital art galleries around the world as part of a startup. The Android-based software parsed and displayed art from an API while handling changes in data and network connectivity. Currently creating a companion app where a tablet paired to the art gallery allows the viewer to see more information about the art. Skills: Java, Android

Geobells: Location Reminders, geobells.com

July 2013 - present

Designed, developed, and supported an Android app for location-based-reminders (geofencing), which used a custom location polling algorithm to prevent high battery drain on the users device. Received over 10,000 downloads on the Google Play store with an average rating of four stars. Skills: Java, Android, Google APIs

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

December 2013 - present

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

AP Computer Science Tutor

September 2014 - present

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

AWARDS & 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 simultaneously competing in science events. Helped lead LASA to nationals for the first time in three years, placing 3rd in the nation, the all-time highest finish of any Texas team. Placed 1st in the nation in Scrambler, an engineering event where competitors construct a vehicle to travel a fixed distance at high speed.

LASA Computer Science - Club Officer (2014 - 2015)

Computer Science (2012 - present)

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

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

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

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

UIL Computer Science (2012 - present)

Intermediate Piano (2004 - present)

Science Olympiad (2010 - present)

[Nationals 2015](#)

3rd Place Team (2015)

1st Place Individual (Scrambler, engineering)

5th Place Individual (Mission Possible, engineering)

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

[Wright State University Invitational](#) - 1st (2015)

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