

Jonathan Leigh

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EDUCATION

- **University of California, San Diego** La Jolla, California
Bachelor of Science in Data Science; GPA: 4.0 *September 2017 – June 2021 (Expected)*

EXPERIENCE

- **Strategy Companion** Irvine, CA
Software Engineering Contractor *Dec 2016 - Present*
 - **Analyzer Data Adapters:** Used C-Sharp and Visual Studio to architect ADO.NET Data Adapters. Wrote adapters from scratch by Microsoft's ADO.NET Data adapter specification. These adapters were for Strategy Companion's flagship enterprise business intelligence software, Analyzer.
 - **Analyzer Mobile App:** Created an android application that was well-commented and well-documented that had business intelligence functionality. Learned how to use Git for version control as well as GitHub. Code leveraged graph libraries to render n-dimensional pivot-table data exported from Strategy Companions BI Software, Analyzer. Went through multiple designs and was able to optimize graph rendering times by 55% by caching data to reduce SQL calls.
- **BOS Media** Santa Ana, CA
Web Developer and Webmaster *May 2016 - Dec 2016*
 - **Think Mortgage:** Made custom menus for wordpress as well as designed wordpress themes from the bottom-up in order to match client-designed websites and provide an easy user interface to clients foreign to web development. Talked with over 20 artists and developers and created multiple WordPress themes.

PROJECTS

- **Kinect Coach:**
Application that analyzed and scored athletic form using Microsoft's Kinect platform. Won 1st place Athlete Experience at LA Hacks 2017 (a 1000-person hackathon at UCLA).
Took into account factors such as height, orientation, in order to detect form irregularities for given sub-activity for a sport or various isometric positions.
- **Organize Me:**
Won 1st place and grand prize at OC Hacks A hackathon between all of the high schools in the Orange County Area.
Made a web application that handled the organization of class schedules for both period-based and block-based schools. The software allowed one to estimate the length of homework based on both prior data and new data.

LINKS

- **Github:**
<http://www.github.com/jonleigh7>