

# Tyler Peterson



tylermarkpeterson.com



github.com/gingernaut



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## Education

### Brigham Young University

(BSIS) Information Systems 2014 - 2018

GPA: 3.41

#### Relevant coursework

Database Systems, Python Development, C# Development, Data Communications, Project Management, Systems Design, C++ Programming, Systems Analysis and implementation

## Projects

### Qarch

Hack The North September 2015

Developed a web application that takes A/B starting points in Google Maps and displays a Google Streetview timelapse of the selected route, visually displaying any trip.

Developed in Javascript, HTML, and CSS, with the Google Maps API, Hyperlapse.js, Three.js, and GSVPano.js. Primarily developed the application front-end.

### M3Dical

AngelHack Silicon Valley June 2015

Developed an HP Sprout application that serves as a medical kiosk: it scans insurance documents, makes potential diagnoses, and creates custom 3D printable finger braces.

Won Autodesk's 1st place prize, HP's 2nd place prize, and was named a top 6 finalist for the hackathon.

### Astrovo

BYU October 2014 - Present

Formed a team of BYU students to design a cube satellite to capture 360° images and video in space

Received Mechanical Engineering course credit and our team presented at the CubeSat 2015 conference.

## Experience

### Data Science Intern

San Mateo, CA

### Visa

June - August 2015

Utilized SQL, VBA, Tableau and the Google Cloud Platform to calculate and analyze key business metrics.

Developed dashboards and alerting systems to detect statistical abnormalities in data trends, enabling analysts to determine effectiveness of promotional campaigns and break down user engagement on multiple levels.

### Full Stack Developer

Provo, UT

### BYU

April - June 2015

Created PHP full stack web applications for campus IT security to reduce the number of infected systems on campus.

Utilized the Yii MVC framework and MySQL queries to interact with server databases and modify data.

### Data Analytics Intern

Provo, UT

### Pariveda Solutions

January - April 2015

Created PHP full stack web applications for campus IT security to reduce the number of infected systems on campus.

Analyzed and ranked various BI tool's abilities to increase internal company efficiency and performance

### MBA Business & English Tutor

Provo, UT

### BYU

August - October 2014

Coached Korean management from Hyundai Heavy Industries individually on business communication skills and public speaking

Improved student's grasp of business English and its effective use

## Skills and Achievements

Languages: Proficient in: C#, SQL, HTML, CSS  
Experience in: JavaScript, PHP, Python, Java, VBA

Frameworks: Bootstrap, ASP.NET, Yii, Django-Mako-Plus

Software/Platforms: Linux, Git, Visual Studio, Adobe Creative Cloud, Amazon Web Services (AWS)

BYU Merit Scholarship

IBM Watson Scholarship

AngelHack SLC 2016 Coordinator

Eagle Scout