Tyler Peterson

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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

Robot Lawyer

CourtHacks — March 2016

Developed a friendly chatbot that uses conversation to generate completed legal forms.

Won 1st place for the hackathon, and won an all-expenses paid trip to demo our project in Vegas at e-Courts 2016.

Built the document generation features and worked on the chat functionality and application front-end.

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.

Experience

Full Stack Developer

Provo, UT

BYU — February 2016 - Present

Developing web applications for the BYU Mckay School of Education using PHP's CodeIgnitor framework, LESS, Javascript, HTML and CSS.

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.

Web 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

Researched and tested a variety of business intelligence tools such as Tableau, Logi, and Microstrategy and weighed their relative strengths and weaknesses.

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: Python, C#, SQL, HTML, CSS Experience in: JavaScript, PHP, C++, Java	BYU Merit Scholarship
Frameworks:	Bootstrap, Django, .NET, Yii,	IBM Watson Scholarship
Software/Platforms:	Linux, Git, Visual Studio, Powershell, Adobe Creative Cloud, Amazon Web Services (AWS)	AngelHack SLC 2016 Coordinator
		Eagle Scout