

John (Jack) Patrick Stephens

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Education

Santa Clara University

Bachelor of Arts in Computer Science, Bachelor of Arts in Mathematics

Santa Clara, CA

August 2016 - May 2020

Major/Minor: Computer Science emphasizing Data Science, Mathematics

Cumulative GPA: 3.4

Saint Marys Highschool

First Honors – GPA: 4.1

Stockton, CA

June 2016

Professional Experience

FormKeep

FullStack Developer

Remote

Jan 1 2020 - Now

- Implemented key features using Ruby on Rails, ReactJS, and Postgresql.
- Restructured most of website and added Spam detection features for email service.

SPJ GTM

Remote

September 2019 - January 2020

- Created an analytics tool using Postgresql database and Python Flask.
- Scraped information about all prospective companies, allowing SPJ to make informed investments.
- Internal product used by the whole company created entirely by me.

CounselMore

Software Engineer Intern

San Mateo, CA

Summer 2019

- Helped create numerous parts of the application using AngularJS, CSS, and HTML.
- Wrote scripts to collect and parse college data from various places on the internet.

Cirius Group

Software Engineer Intern

Pleasant Hill, CA

Summer 2018

- Changed majority of codebase from outdated Visual Objects to new language in .NET family, XSharp using a tool made by Vulcan.NET.

Activities

Worked on iOS Application ‘NEXTPLORE’: Santa Clara, California: *Summer 2018 - Summer 2019*

- iOS application to allow users to share hotel rooms.
- Split cost of a hotel room between less than 4 people and split the price evenly.
- Have written hundreds of lines of swift, along with another student at Santa Clara.

Created Linux Kernel and Basic Shell Interpreter: Santa Clara: *Winter 2018*

- Including support for I/O system calls (write, read, fork, etc), multiprocessing, pipes

Undergraduate Research Project: Santa Clara: *Fall 2018 - Present*

- Created new ranking algorithm with Dr. Matthew O’Dell. Applied algorithm to STEM graduate school rankings and compared with US News rankings.
- Presented research on June 30, 2019 at largest math conference in United States — MAA MathFest in Cincinnati, OH.

Developed iOS Application ‘RunDJ’: Stockton, California: *Fall 2015 – Spring 2016*

- Created iOS application for runners that uses music as a pacing/motivation tool.
- 2,400 downloads in the first 30 days.

Santa Clara Division 1 Athlete: Santa Clara, California: *Fall 2016 - Summer 2017*

- Member of the Santa Clara University Men’s Water Polo team

Skills

C/C++ – Apple Swift – Javascript – AngularJS – HTML/CSS – SQL – C# – Python – Objective-C – .NET Framework – Linux – Excel – Word – PowerPoint – MongoDB – Mathematics