**­Ryan Wells**

**Software Engineer**

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# Employment

**Data Science Intern** *Saracen Capital, LP 12/16-02/17*

* *Utilized Python to calculate and compile mortgage-backed security prices and yields from Bloomberg to reports given to investors outlining performance of the total-onshore fund.*

**Software Engineering Intern** *Hewlett Packard Enterprise 06/16-08/16*

* *Built a high-performance Python web application for Project Managers to track bugs and issues on HPE servers*
* *Cut Bug report generation from 2.5 hours to 2 minutes*
* *Increased efficiency of Issue delegation to engineers*

**Lead Web Developer** *CN Luxury Resorts Inc.* *01/2016 – 01/2017*

* *Designed the front-end webpages for the company’s primary real estate venture (*[*crabcayresort.net*](http://crabcayresort.net/)*)*

# Education

**Texas A&M University** College Station, TX 2016-2020

*Pursuing a Bachelor of Science in Computer Science through the Engineering Honors program GPA: 4.0*

*Clubs and Organizations: Texas A&M Computing Society, Aggie Artificial Intelligence Society, TAMUHack*

# Projects

[**TamuBuses.com**](http://www.tamubuses.com) **| 2016-2017**

*Real-time bus tracking application written in Node.js and Express.js with over 150 users at Texas A&M giving students the ability to track*

*when buses leave their stops to the nearest second making their transportation more efficient.*

[**UILPractice**](http://www.uilpractice.com) **| 2015-2016**

*Production-ready web application written in Python with the Flask web framework. Users practice, receive feedback, improve UIL academic*

*scores, track analytics over time, and compete in a friendly manner with leaderboards.*

**Panther Den Management System | 2014-2015**

*Designed on a team of three students with a goal of giving teachers ease in scheduling, checking attendance, and assigning students to*

*study hall rooms. Required intense coordination with school principals and teachers.*

# Skills

Programming Java\*, Python\*, C#, C++, HTML/CSS\*, JavaScript\*, MATLAB\*

Databases MySQL, SQLite, SQLAlchemy, Oracle

Frameworks and Libraries Flask\*, Express.js\*, Node.js\*, JQuery\*, Bootstrap\*, TensorFlow, Django, Materialize, Chart.js

*\* Indicates Proficiency*

# Honors and Awards

Eagle Scout Highest attainable rank in Boy Scouts earned through service and leadership.

TamuHack Finalist Placed in Top 10 out of over 100 teams with a YouTube searching Chrome Extension

“CodeDay Houston” 1st Place Overall Placed 1st with real time canvas competition, “KingOfTheSketch”