

JAMES A. WASSON

OBJECTIVE

Technically oriented Programmer with an Associates in Computer Science, an affinity for a Team Based Atmosphere, and experience in a variety of Programming Languages seeking an Internship position for summer of 2018.

CONTACT INFORMATION

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GITHUB.COM/JAMES-WASSON

SKILLS

- Very Familiar with: C++ and JavaScript
- Familiar with: NodeJS, Mongoose, C-based languages, JFrame, PHP, and CLIPS
- Data Structures: Link Lists, Binary Trees, Schema Design, and JSON Objects
- Developer IDE's/Software's: Eclipse, Visual Studio, GitHub, and MEAN stack

EDUCATION *OVERALL GPA: 3.41*

➤ SOUTHERN ILLINOIS UNIVERSITY OF CARBONDALE

BACHELOR'S OF COMPUTER SCIENCE, GPA: 3.77

Dean's List: Spring 2016, Fall 2017

AUGUST 2016 – CURRENT
EXPECTED DECEMBER 2018

Relevant Course Work:

- CS 311 - Theory Programming Languages
Developed our own Context Free Grammar, called Mini Integer Functional Language (MIFL) and created a Lexical and Syntax Analyzer in C++ to verify correctness of a program written in MIFL.
- CS 350 - Web Application Development
Created a Bitcoin trading webpage using Coin Base's PHP based API, the also site provided dynamic bitcoin value tracking using ChartJS. We built our own framework using PHP to reduce redundancy and increase cohesion.
- CS 305 - Software Development
A three-person team, including myself, designed and produced a Java based Frogger-style game, using JFrame to draw the relevant components. I was involved mainly in component movement and design of the system's framework.

GRADUATED MAY 2016

➤ SOUTHEASTERN ILLINOIS COLLEGE

ASSOCIATE'S OF COMPUTER SCIENCE, WITH HONORS, GPA: 3.32

Presidents List: Spring 2016, Summer 2014, Summer 2013

Relevant Course Work:

- CS 220 - Programming with Data Structures
Developed multiple applications using C++ Data Structures such as: Node Link Lists, Binary Trees, Records, and Classes. This course provided me with a lot of practical experience with C++ and was very rigorous.
- MATH 150 & 250 - Calculus 1 and 2
- CHEM 200 & 210 - Chemistry 1 and 2
- PHYS 205A & 205B - Physics 1 and 2

EXPERIENCE

➤ POTENTIA ANALYTICS – SOFTWARE DEVELOPER

OCTOBER 2017 – CURRENT

We use a .Net developer environment, along with Visual Studio IDE. I worked mainly to update old software and develop new features as requested for the scheduling software Symphony.



- Helped with maintenance and development for new features for scheduling software used extensively
- Uses MySQL with a C# backend and JS/Angular4/Bootstrap/EasyUI a front-end framework.
- Integrating with new workflow and following proper procedure for committing new features
- Used multiple developer software's' like slack, JIRA, and GitHub

➤ **FIRST CROWD - SOFTWARE DEVELOPER**

MAY 2017 – SEPTEMBER 2017

Working with the MEAN stack as a back-end developer on a crowd sourcing software targeting small/medium sized businesses.

- Helped design and improve the Schema's for the project
- Developed Tests using Karma
- Worked with PayPal Rest API to create a payment system
- Helped design the state-based system on which the application relies

➤ **LEGENGE BANK - IT INTERN**

JANUARY 2015 – APRIL 2015

- Helped design a system to update routers automatically
- Used a step-wise approach to help non-technical people solve their problems

MEMBERSHIPS

➤ **PHI RHO PI - NATIONAL SPEECH AND DEBATE**

JANUARY 2015 - MAY 2016

- Three-time national bronze medal award winner
- Multiple silver/bronze regional awards
- Responsibilities Include: Giving Constructive criticism, and exercising critical speaking skills.

➤ **MATH AND SCIENCE CLUB**

JANUARY 2015 – SEPTEMBER 2015

- Met weekly to discuss plans and ideas
- Worked actively in the community to coordinate clean-up operations
- Acted as an instructor for a Lego Mindstorms boot camp designed for middle schoolers