

RYAN SPROULE

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EDUCATION

WASHINGTON UNIVERSITY St. Louis, MO

August 2015 - May 2019

Bachelor of Science in Computer Science (BSCS):

- Computer Science, Major GPA: 3.72
- Overall GPA: 3.5/4.0

Relevant Coursework:

- Data Structures and Algorithms (CSE 247), Logic and Discrete Mathematics (CSE 240), Parallel and Concurrent Programming (CSE 231S), Rapid Prototype Development and Creative Programming (CSE 330S)

PITTSBURGH CENTRAL CATHOLIC HIGH SCHOOL

September 2011-May 2015

- 4-time High Honor Roll, 3 sport athlete (soccer, basketball, baseball), Graduated top 10% in class, National Honor Society recognition
- Student tutor junior and senior year. Helped students with their classes by tutoring them before classes every school day.

TECHNICAL SKILLS

Skilled: Java, Arduino C, HTML, CSS, PHP, MySQL, JavaScript, LINUX, Git

Basic Knowledge: Swift, C, Python, jQuery, Amazon Web Services

Professional: Self-motivated, efficient time management skills, strong desire to further programming knowledge, teamwork skills

EXPERIENCE

PERSONAL PROJECTS:

May 2015 –Present

- PHP News Share Site- An ugly Reddit like website that relies solely on PHP and a MySQL database to allow users to login, view news stories posted by other users, post comments and upload stories of their own.
- JavaScript Calendar- A calendar website that user JavaScript, jQuery, AJAX, PHP and a MySQL database for users to keep track of events all on a single dynamic page
- Java Space Invaders game – after making Tetris in java for a final project, extended that knowledge and made several other mini-games in java including space invaders and snake for fun.
- Arduino Fitbit Clone – used the Arduino accelerometer to make a step and sleep tracking system that sends data to a java application that visualizes the data in a dynamic graphical GUI.
- iOS (Swift) Matrix Calculator – combined skills learned from matrix class and swift knowledge learned on my own to build a working calculator that executes various matrix operations

FRANK B. FUHRER WHOLESALE WAREHOUSE WORKER, Pittsburgh, PA

June 2016-August 2016

Top 20 largest beer wholesaler in the US, largest operating from on site, 80 suppliers, 600+ brands, 15 million cases.

- Worked as a loading coordinator during the night shift (5 PM – 2 or 3 AM) for 5 days a week (Sunday – Thursday)
- Culminated with a compiled report on warehouse procedures and conditions at the request of management to be used for improvements in efficiency and employee satisfaction

ACTIVITIES

WASHINGTON UNIVERSITY MEN'S SOCCER, St. Louis, MO

August 2015-Present

- Scored team-leading 7 goals (5 game-winners) and 17 points in sophomore season on Wash U's nationally ranked team.
- Selected to All-University Athletic Association (UAA) team as a freshman. Earned Academic All-UAA honors.
- Started 10 games as a freshman scored team leading 7 goals, tallied 16 points. Scored game winning, double OT golden goal against Case Western to guarantee bid in NCAA Tournament.

BOOKS AND BASKETBALL YOUTH ORGANIZATION St. Louis, MO

February 2016 – Current

- Visit unprivileged elementary schools in the St. Louis area to tutor and mentor young students
- Helped to coordinate trips into the schools on weekends to spend extra time with our students
- Ran fundraisers in order to purchase new books and sporting equipment

SIGMA CHI FRATERNITY, St. Louis, MO

January 2016-Present

- Elected *Intramural Chair* of fraternity. Organized/scheduled seasons for several intramural sports teams.