Gabriel Rojas-Westall

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EDUCATION

NORTHWESTERN UNIVERSITY
BS in Computer Science, McCormick School of Engineering
Expected Jun 2019 | Evanston, IL
Major GPA: 3.833
Cum. GPA: 3.413

SAINT THOMAS ACADEMY
May 2015 | St. Paul, MN
Cum. GPA: 4.2

LINKS

Github: **rojaswestall**
LinkedIn: **rojaswestall**
Website: **rojaswestall.com**

COURSEWORK

UNDERGRADUATE
Fundamentals of Computer Science I, II
Computer Systems
Algorithms and Databases
Artificial Intelligence
Mathematical Foundations of CS

SKILLS

PROGRAMMING
Experienced:
Python3 • JavaScript • Node • C
C++ • C# • HTML • CSS • Shell
Matlab • Racket • Git
Familiar:
Python2 • Java • iOS/Swift • PHP
Common Lisp • Assembly • LaTeX
React • Express • Sockets • Pug/Jade

LANGUAGE
Conversational:
Spanish
Familiar:
French

SOFT SKILLS
Leadership
Self-Starter
Communication
Time Management
Team-Working
Problem-Solving
Writing

WORK EXPERIENCE

FULCRUM GT | Web Developer + Software Engineering Intern
June 2017 – Present | Chicago, IL
- Building the company website with HTML, CSS, Javascript, Node, and Express.
- Worked with a team of interns to develop a Swift desktop application that aggregates messages from different messaging platforms.

NORTHWESTERN UNIVERSITY | Teaching Assistant
January 2017 – Present | Evanston, IL
- TA for Fundamentals of Computer Science I and II.
- Teach topics including abstraction, recursion, OOP, inheritance, data structures, imperative vs. functional programming, and style.
- Hold tutorial sessions and office hours to teach concepts in Racket and C++.
- Help professors improve course based on feedback from students.

TECH-PRO | Marketing & Software Engineering Intern
June 2015 - Present | Roseville, MN
- Tested Adobe Forms in LiveCycle and Adobe Experience Manager using Javascript.
- Worked as a team both remotely and from the office on a project for LA County.
- Make a voice for the company by managing social and professional pages.
- Write python scripts that scrape the web to find relevant content for social and professional pages.

PROJECTS AND EXTRA-CURRICULARS

ALGORITHMIC TRADING CLUB | Co-President and Founder
Mar 2017 – Present
- Built an exec board and foundation/mini-curriculum for the club to start.
- Attracted over 170 new students upon club launch.
- Researched the algorithmic trading industry and wrote algorithms using Node and Python that will trade cryptocurrencies using the exchanges' APIs.
- Built a python bot that will tweet or notify the club of crypto prices.

NORTHWESTERN WORLD CUP | Tech Exec
May 2017 - Present
- Maintain the club website by updating events and news.
- Restructuring registration for over 700 players with Node and MongoDB.
- Lead the current tech committee in developing slack bots and Google sheets integration to help the rest of the club.

SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS | Tech Exec
May 2017 - Present
- Lead the tech committee in building the club website and planning a junior hackathon for our junior SHPE chapter.

DESIGN THINKING AND COMMUNICATION
Winter & Spring 2016
- Worked with clients in the education and medical industries to solve engineering design issues.
- Managed my teams and built a working prototype of our design.
- Wrote final report and presented the designs to professionals and clients at design expo.