Andrew Rochat

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EDUCATION

Washington University in St. Louis
Bachelor of Science Degree
Major: Computer Science, Finance
Cumulative GPA: 3.8/4.0, Honors: Dean's List

St. Louis, MO
May 2020

PROFESSIONAL EXPERIENCE

Hungry Jacks Pty Ltd
Data Science Intern

Sydney, Australia
March 2019 – May 2019

- Used Python to create a historical weather database, subsequently developing a Tableau dashboard that blended weather data with Hungry Jack's sales data
- Aggregated school and public holiday information and created a presentation that showed sales growth by holiday, store, and product. Information was used for targeted marketing campaigns, as well as variably increasing staff to match historical sales percentage increases

Axegine Capital Management LLC
Software Engineering Summer Intern

New York City
June 2018 – August 2018

- Worked side by side with bond traders to build a web page that showcased graphical data representations of the market, leading to a more streamlined process for traders to access their analytics
- Built front end data visualization tools for the local development environment that Axegine uses for back testing different bond trading market strategies
- Created a login security page using an LDAP protocol for automatically authenticating users based on Axegine's active directory. Also responsible for creating varying access levels for different security groups

Atlas Holdings LLC
Summer Analyst Intern

New York
June 2019 – August 2019

- Assisted in thorough due diligence processes for various acquisitions that included complex financial modeling, various acquisition structures, and growth projections
- Conducted research on industries for potential deals by interviewing industry experts and market analysts to obtain industry pricing information, growth trends, and market supply & demand. Used this information to create detailed investment presentations
- Created value through operational improvements in distressed portfolio companies. As an example: created inventory tracking & management systems which lowered distribution inefficiency by 90%

Research Project
Climate Data Preservation Research Project Member Employee

St. Louis
September 2017 – May 2018

- Built an advanced web crawler to collect climate and other environmental data from federal government websites to ensure that it remains publicly available for research, advocacy, and citizen enforcement
- Built selenium web scraper using Python that archived several thousand government dockets and scientific data centered around disposal of coal combustion residuals from electric utilities
- Upgraded and expanded the web crawler's versatility to work for a variety of government dockets such as standards for greenhouse gas emissions from various sources

LEADERSHIP EXPERIENCE

Head Teaching Assistant
Computer Science Department Washington University

St. Louis
January 2018 – December 2018

- Employed as the head teaching assistant for CSE450 Videogame Programming where I used my technical expertise to aid students with topics including graphics, artificial intelligence, user interface design, networking
- Collaborated with professors and a dedicated team of fellow teaching assistants to create an effective and efficient learning environment by holding weekly office hours and grading assignments

SKILLS + CERTIFICATIONS

- Computer Science Language Proficiency: Java, PHP, JavaScript, C++, C#, Python, Swift, HTML, CSS, SQL
- Software: Microsoft Excel, PowerPoint, Tableau, Matlab, Unity, Xcode, GitHub