**Andrew Rochat**

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**EDUCATION**

**Washington University in St. Louis** St. Louis, MO

Bachelor of Science Degree May 2020

Major: Computer Science, Finance

Cumulative GPA: 3.8/4.0, Honors: Dean’s List

**PROFESSIONAL EXPERIENCE**

**Hungry Jacks Pty Ltd** Sydney, Australia

*Data Science Intern* 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** New York City

*Software Engineering Summer Intern* 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** New York

*Summer Analyst Intern* 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**  St. Louis

*Climate Data Preservation Research Project Member Employee* 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**  St. Louis

*Computer Science Department Washington University* 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