

DAVID AXELROD

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EDUCATION

Binghamton University State University of New York, School of Management

Bachelor of Science in Business Administration

Concentration in Finance, Minor in Computer Science

Major GPA: 3.84/4.00 | Cumulative GPA: 3.64/4.00

Binghamton, NY

Expected Spring 2018

PROFESSIONAL EXPERIENCE

Citigroup – Institutional Clients Group

Summer Technical Analyst

Jersey City, NJ

Summer 2017

- Architected and built an auto-updating recurrent neural network in python and a secure API wrapper to help the Citi Insights business partners identify areas of opportunity across Citi's 43 business segments to cross sell clients
- Engineered model and wrapper optimizations to bring initial API call time down roughly 75% allowing the team to consider real-time predictions rather than a daily recommendation that was originally in the specification document
- Aggregated over 1.7 million rows of data into an intuitive 9 page dashboard format using Power BI that is interactive, responsive and easily updateable which saves the team hours when preparing internal reporting metrics

TECHNICAL EXPERIENCE

Tibah

Co-Founder and Lead Developer

Binghamton, NY

Fall 2016 – Present

- Built a SMS native chatbot using natural language processing that automatically engages users to keep them motivated and engaged with their workout program while saving their trainer dozens of hours per month
- Deployed the application at a personal training studio with 93 members who generated over 10,000 messages during the pilot program and incorporated client feedback and data directly into the design cycle which increased usage rates

Loom VR

Founder and Lead Developer

Binghamton, NY

Winter 2015 – Fall 2016

- Led team of four developers and designers in the development of a VR program that allows users to learn a language while being immersed in an authentic environment by authoring C# scripts that interfaced with multiple APIs
- Implemented industry standard source code management system to track team progress and facilitated comprehensive code reviews that led to modular feature design and subsequent execution without added complexity

Rational Nibbler

Founder and Lead Developer

Binghamton, NY

Winter 2016 – Summer 2016

- Developed a scalable python web app that allowed Binghamton students to view their meal plan balance, view analytics of spending, dining hall visitation trends and provided guidance on future spending to avoid overage charges
- Exceeded initial user goals through intense guerilla marketing, tight development timelines incorporating user feedback and word of mouth which lead to over 5,000 page views and 400 daily active users within a month

LEADERSHIP EXPERIENCE

Hack BU

Co-Director

Binghamton, NY

Spring 2015 – Present

- Built a network of multiple large technology companies including Citi, Bloomberg and others while personally built a relationship with Vanguard to secure \$5,000 and \$7,500 sponsorships for the 2016 and 2017 Hackathon
- Provide development support to dozens of HackBU members especially if the questions have to do with scalable python web frameworks and leads workshops varying in content from Git to data science basics

Entrepreneurship Learning Community

Vice President and Advisor

Binghamton, NY

Fall 2015 – Present

- Coordinated weekly meetings containing a variety of content consisting of basic programming skills, scalability of an idea, financial forecasting and execution techniques that were sourced from talks held by Silicon Valley entrepreneurs
- Worked with fellow students to plan, rapid prototype and launch various venture ideas, mostly in the technology space including a washing machine concept and an iPhone fixing business that has yielded \$12,000 in revenue

ADDITIONAL INFORMATION

Technical Skills: Python (Django, Flask, Sklearn, Keras, Restful API Frameworks), C#, Swift, Node.js, Java (Android), Lamp Stack, .NET Framework, JavaScript, HTML5, Ruby on Rails, Bootstrap, Materialize, and Microsoft Office Suite

Interests: Musical Theatre, Horseback Riding, Dance, Biking, Skateboarding, Professional Acting

Prior Startups & Projects: Geese+, Storaage, Trogie VR, Eli, Drink-Link, PantPro and AVRE Non-Profit Consulting