

Alexander Goodkind

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University of Pennsylvania Teaching Assistant

April 2018 - Present

- Assisting with the 24-week FullStack Coding Bootcamp in the College of Professional and Liberal Studies
- Covering the mastery of topics such as HTML, React, MySQL, and Python

Tumblr Software Engineering Intern

June 2017 - August 2017

- Worked on the Site Reliability Systems Team
- Automated the server provisioning interface using Ruby and Collins, freeing up several hours of critical engineering time for higher priority tasks
- Managed the availability, scalability, and performance of a popular blogging website used by over 300 million people

Goodkind Consulting

September 2013 - Present

- Self started computer repair business to work with clients resolving a diverse range of technical issues quickly and efficiently

Projects

- **WebLibs** - *HackRU*, A chrome extension written in JavaScript and Python that turns any website into a MadLibs game, demonstrating web scraping and natural language processing
- **ShebangBrowser** - *PennApps XVII*, A chrome extension in JavaScript emulates a bash terminal directly via the chrome omnibar
- **RuffLife** - *HackHarvard*, A mobile app built with Microsoft Cognitive Vision and AWS APIs, to recognize images taken of lost animals, demonstrating machine learning and mobile app development
- **Text2Giphy** - *hackNY*, An app that uses Google, Giphy, and Twilio APIs to convert SMS's into a gif, showcasing API use and image recognition

Education

Camden County College

Computer Science, A.S., Major: 4.0/4.0, Overall: 3.8/4.0, December 2018

Computer Science, B.S., Expected December 2020

- President's List / Academic Honors Program
- Coursework: C++, Java, Computer Organization (Assembly), Data Structures (*in progress*), Discrete Mathematics (*in progress*)

New Hope Academy

High School Diploma, June 2016 with Academic Honors

- Class Salutatorian
- Director of student information/technology services
- Lead editor of the school newspaper

Skills

Languages

- Python, Ruby
- Flask, Sinatra
- JavaScript, jQuery
- HTML, CSS
- Java, VB.NET
- YAML, Bash
- MySQL, C++

Tools

- Pandas, NumPy, Jupyter
- ELK, Mesos, Marathon
- Docker, Collins
- AWS, Azure
- Nginx, Apache
- IntelliJ, Visual Studio

Extracurriculars

- Phi Theta Kappa National Honors Society
- Association for Computing Machinery
- Mu Alpha Theta National Mathematics Honors Society
- IEEE Computer Society

Interests

- Data Science and Big Data
- Internet API Development
- Machine Learning
- Artificial Intelligence
- Web Development