

Adam Pikielny

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EDUCATION

Brown University - A.B. Computer Science Candidate, 4.0 GPA

Expected Graduation May 2022, Providence, RI

- Coursework: Functional Programming, Data Structures and Algorithms, Linear Algebra, Discrete Structures and Probability, Robotics, Statistical Inference, Deep Learning

Hanover High School - 3.98 Unweighted GPA

August 2013 - June 2017, Hanover, NH

- Awards: High Honor Roll, National Merit Semifinalist, RIT Computing Medal, Honors Physics Class Award
- College Coursework: Problem Solving via Object-Oriented Programming (Including Image Processing, Video Processing, & Machine Learning) (Dartmouth), Multivariable Calculus (Dartmouth), Computer Vision (Georgia Tech via Udacity)

TECHNICAL EXPERIENCE

[Overstock.com](#) - Software Engineer Intern

December 2017 - April 2018, Salt Lake City, UT

- Created and refined SQL queries to identify product attribute data errors to aid Market Partner team
- Designed web app using Java and Spring Boot to allow users to find and fix these errors and discrepancies

[Bionic Advertising Systems](#) - Software Engineer & Videography Intern

June - August 2016, June - August 2017, Hanover, NH

- Developed, debugged, and annotated software for Bionic's Media Planning spreadsheet in Java and JavaScript
- Implemented a Windows batch script to install and configure the developer environment on new machines
- Attended design meetings and tested code with the Quality Assurance team

PROJECTS

Hack@Brown: TaxiCAB

January 2019, Providence, RI

- Built an app to scrape data from Brown's course catalog and text students when a registration spot opens in a specific course
- Created front end interface using Webflow and linked to Excel spreadsheet
- Helped design Python backend to collect data and notify users

Search

March 2019, Providence, RI

- With a partner, built a search engine in Scala to run on 200 MB Wikis
- Used RegEx to create page relevance scores based on term frequency and inverse document frequency
- Implemented version of Google's PageRank algorithm to further refine search results

LEADERSHIP

Brown Outing Club Leader

January 2019 - Present, Providence, RI

- Led students on hiking, skiing and rock climbing trips every semester
- Attended weekly eboard meetings and leader trainings

Utah Conservation Corps Member

June - August 2019, Bryce Canyon National Park, UT

- Volunteered for 450 hours on vegetation crew in Bryce Canyon National Park
- Assisted in Search and Rescue operations

SKILLS

Computer Programming: Python, HTML, CSS, Javascript, Java, SQL, C++, OCaml, Racket

Videography:

- Employed to edit videos for professional award-winning action sports photographer, [Ming Poon](#), including [interviews](#), real estate footage, snowboard reels, and other action sports
- [My YouTube channel](#) has 320,000 views and has been recognized by companies including GoPro, Ski Utah, and the [DailyUV](#)

Interests/Certifications: Snowboarding (AIARE Avalanche), climbing, scuba diving (PADI Open Water), WFA, Chainsaw Sawyer (A)