

# Andrew "Buzz" Lakata

Programmer

Philadelphia, Pennsylvania US

<http://Buzz627.github.io> [AndrewLakata1@gmail.com](mailto:AndrewLakata1@gmail.com) (215) 776-5003

[Buzz](#) [Buzz627](#)



I am a backend developer. I love working with data and apis. No matter what the project is I am always happy to get down and dirty with the code.

## SKILLS

### Software Development

Advanced

[aws](#) | [data structures](#) | [algorithms](#)

### Database

Intermediate

[mysql](#) | [mongodb](#) | [dynamodb](#)

### Linux

Advanced

[unix](#) | [bash](#) | [scripting](#) | [git](#)

### Artificial Intelligence

Beginner

[machine learning](#) | [tensorflow](#) | [data science](#)

### Programming Languages

Advanced

[python](#) | [java](#) | [node.js](#) | [c++](#) | [bash](#)

## WORK EXPERIENCE

### PACTS Robotics Instructor at The Franklin Institute November 2018 - Current

<https://www.fi.edu/>

**Skills acquired:** [robotics](#) | [engineer](#) | [teaching](#)

- Teaching students basics of coding, engineering and problem solving.
- Guiding student Battlebot team
- Organizing different student projects including raspberry pi, arduino, soldering and circuit design.

### Teaching Assistant at Trilogy Education Services March 2019 - June 2019

<https://www.trilogyed.com/>

**Skills acquired:** [web development](#) | [git](#) | [teaching](#)

- Helping students learn the basics of coding and logic
- Guiding students with coding projects and understanding concepts

### Software Developer at DICE at Jefferson July 2018 - November 2018

<https://www.dicegrp.org/>

**Skills acquired:** [aem](#) | [backend java](#) | [kinvey](#)

- Created tools to help migrate data for 9000+ websites
- Helped to create Algorithms to search for all doctors within network
- Technology Used: AEM, Backend Java, Kinvey

### Software Developer at YellowDig May 2017 - March 2018

<https://www.yellowdig.com/>

**Skills acquired:** [node.js](#) | [aws](#) | [php](#) | [mysql](#)

- Created tools for students to use for collaboration for class material
- Managed custom command line tools for other developers to use
- Utilized AWS to create, maintain and manage internal data

### Software Engineer at Connectify October 2016 - March 2017

<https://www.connectify.me/>

**Skills acquired:** [python](#) | [influxdb](#) | [consul](#)

- Created custom monitoring tools for company servers
- Utilized different technologies to maintain company systems
- Added auto decision making and trend information to server alerts

### Software Engineer at Point.io March 2015 - October 2016

**Skills acquired:** [node.js](#) | [backend java](#) | [blockly](#) | [scala](#)

- Created new software for company's main product
- Managed projects to work within other applications
- Created custom tools for users to interact with products

## VOLUNTEER

### Instructor/Coach at Philadelphia Rock Gym

June 2018 - Current

<https://www.philarockgym.com/>

- Coaching kids on rock climbing technique
- Teaching kids and adults safety procedures and basic climbing skill
- Leading classes on climbing style and technique

## Activity Organizer at Philly Codefest

February 2017 - May 2019

<http://phillycodefest.com/>

### EDUCATION

---

## Bachelor of Science Computer Science at Drexel University

2013 - 2016

Artificial Intelligence, Data Structures and Algorithms

## Associate of Science Computer Science at Community College of Philadelphia

2010 - 2013

## High School Diploma at Central High School (269)

2006 - 2010

### AWARDS

---

## Certificate of Completion at MongoDB

December 2015

MongoDB for Developers

### LANGUAGES

---

#### English

Native

#### Python

Master

#### Java

Advanced

#### Node.js

Advanced

#### C++

Intermediate

### INTERESTS

---

#### Rock Climbing

Skills acquired: [climbing](#) | [bouldering](#) | [outdoor](#)

#### Cooking

#### GitHub

Skills acquired: [github](#) | [git](#)

#### Raspberry Pi

Skills acquired: [hardware](#) | [hacking](#) | [linux](#)

#### Video Games

Skills acquired: [ps4](#) | [nintendo switch](#)

#### Attending Hack-a-Thons

Skills acquired: [hacking](#) | [hackathon](#)