

## Job Objective

An **Internship** in **Software Engineering**, especially one involving **Data Analysis**

## Skills

- Programming Languages: **Python**, **Javascript**, **Java**, **C#**, C, ML, Racket, PHP
- Smartphone App Development: **Android** and **Windows Phone**
- Full-Stack **Web Development**:
  - **Front End** Programming and Design; **Node.js** + Express, **Flask** (Python), PHP; **SQL**, **Redis**
- Experience using **SCRUM** techniques for group projects

## Selected Projects

[github.com/MadhATTER6](https://github.com/MadhATTER6)

- Party-Panda (2014 - ongoing)
  - Pandora playlist controller with communal voting.
- 2D chat-"room" with positional locality (2013 - ongoing)
  - A project to teach myself Node.js, Express, Jade, LESS, Redis, and Bootstrap.
- CodeDay-Playlist (2013 - ongoing)
  - LAN music library with communal playlist building, intended for low-internet-bandwidth hackathons.
- The StudentRND Vending Machine (2013)
  - Reengineered broken machine for StudentRND workspace. Replaced motherboard with a desktop PC and an Arduino. Added an RFID-based login system, and a Windows Phone touchpad user-interface.
- A Morse Code text messaging app for Android (2011 - 2012)

## Education

- University of Washington, Seattle Campus, Class of 2016
  - Majoring in **Computer Science**, with plans to dual major in **Applied Math**
  - **3.5 GPA** in Computer Science classes
  - 3.4 GPA Overall
  - Relevant Courses
    - Systems Programming
    - Data Structures and Algorithms
    - Discrete Probability
    - The Hardware-Software Interface
    - Functional Programming Languages
    - Applied Linear Algebra
- Garfield High School, Class of 2012
  - Programming Club, co-founder and co-president
  - Robotics Team, co-president

## Work Experience:

June 2013 - Ongoing	StudentRND; CodeDay Student Hackathon Series, Evangelist and Organizer <ul style="list-style-type: none"><li>• Facilitator: Portland Summer 2013</li><li>• Organizer: Seattle Fall 2013</li><li>• Evangelist / Facilitator: Portland Winter 2014</li></ul>
Summer 2011 - Summer 2013	Construction Labor <ul style="list-style-type: none"><li>• Roofing, Electrical, Flooring, Siding</li></ul>
Summer 2010	NOAA; Northwest Fisheries Science Center, Internship <ul style="list-style-type: none"><li>• Prepared workshop material and assisted in workshop on climate change for disabled students</li></ul>

## Other Activities and Achievements

- Shitō-ryū Karate (2002 - 2012)
- Best Application, CodeDay Portland Fall 2012, for a peer-to-peer 3D-printing as-a-service website