

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

- 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**
 - 3.4 GPA Overall
 - **3.5 GPA in Computer Science** Classes
 - Selected Courses
 - The Hardware-Software Interface
 - Data Structures and Algorithms
 - Applied Linear Algebra
 - Systems Programming
 - Functional Programming Languages
 - Discrete Probability
- 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">• Facilitator: Portland Summer 2013• Organizer: Seattle Fall 2013• Evangelist / Facilitator: Portland Winter 2014
Summer 2011 - Summer 2013	Construction Labor <ul style="list-style-type: none">• Roofing, Electrical, Flooring, Siding
Summer 2010	NOAA; Northwest Fisheries Science Center, Internship <ul style="list-style-type: none">• Prepared workshop material and assisted in workshop on climate change for disabled students

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