

Job Objective

An **Internship** in **Software Engineering**, especially **Backend** or **Dataflow**, near Seattle, WA

Skills

- Programming Languages: **Javascript**, **Python**, **Go**, **Java**, **OCaml**, **C#**, **C**, **PHP**
- Smartphone App Development: **Android** and **Windows Phone**
- Full-Stack **Web Development**:
 - **Front End** Programming including **Angular.js**; **Node.js**, **PHP**; **MongoDB**, **Redis**, **SQL**

Selected Projects

github.com/MadhATTER6

- P2P Turntable.fm Clone (2014 - ongoing)
 - Turntable.fm-inspired playlisting system for use in physical spaces, adding support for local peer-to-peer song additions and external embedding (e.g. from YouTube or SoundCloud).
- Party-Panda (2014 - ongoing)
 - Pandora playlist controller with communal voting.
- 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**, 3.4 in-major GPA
 - Relevant Courses
 - **Grad-level Programming Languages** ▪ **Systems Programming** ▪ **Discrete Probability**
 - **Software Design and Implementation** ▪ **Data Structures and Algorithms** ▪ **Continuous Math Modeling**
- **Garfield High School**, Class of 2012
 - **Programming Club**, co-founder and co-president

Work Experience:

June 2014 - Ongoing	Tune; Frontend Architecture Intern on MobileAppTracking platform <ul style="list-style-type: none">• Building developer tools for company-wide frontend componentization initiative.• Built an extensible chatbot for HipChat written in Go.• Built a unified login interface for MobileAppTracking webapps.<ul style="list-style-type: none">◦ Used to log in to client-facing products◦ Plain JS frontend (for fast loading); Node.js backend◦ Currently deployed in production and used by many customers• Built out company directory, including search/filter function and profile pic cropping.
June 2013 - January 2014	StudentRND; CodeDay Student Hackathon Series, Evangelist and Organizer <ul style="list-style-type: none">• Evangelist: Portland Summer '13• Organizer: Seattle Fall '13• Evangelist: Portland Winter '14• Volunteer: Portland Fall '14; Seattle Win '15