

# Aryan Mann

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## LINKS

Github:// [aryan-mann](#)  
LinkedIn:// [aryanmann](#)  
Website:// [aryanmann.com](#)

## SKILLS

### PROGRAMMING

Advanced (Over 4 years)

- C# (WPF, WinForms, ASP.NET)

Proficient (Over 2 years)

- JavaScript (ES6 | React)
- CSS\SASS
- Unity
- C++

Beginner (Over 6 months)

- Ruby
- PHP
- Scheme/ Racket/ Lisp
- Assembly (MIPS)
- C
- HaXe
- Python

Familiar

- Android
- SQL & NoSQL

Tools

- Regular Expressions
- Unit Testing
- Git
- REST API
- GraphQL

### MISCELLANEOUS

Design

- $\LaTeX$
- Photoshop
- Maya

Language

- English (Native)
- Hindi (Native)
- German (Beginner)

## EDUCATION

### GRINNELL COLLEGE | B.A. IN COMPUTER SCIENCE

Expected May 2021 | Grinnell, IA

- CSC 151 - Scheme - Functional Programming
- CSC 207 - Java - Data Structures, Algorithms, and Object-Oriented Design
- CSC 211 - MIPS Assembly/C - Computer Organization and Architecture
- CSC 295 - C#/Unity - Evolutionary Computation and Artificial Life
- CSC 321 - Ruby on Rails - Software Engineering Fundamentals
- CSC 322 - Ruby on Rails - Team Software Dev. for Community Orgs.
- Data Analysis and Social Inquiry Lab - Lead Programmer

## WORK EXPERIENCE

### DRYTHANE PVT. LTD. | WEB & MOBILE DEVELOPER | [Live Link](#)

Sept 2016 – June 2017

- Created Drythane.com, an eCommerce website that facilitates the sale of a DIY waterproofing product to a network of thousands of registered applicators.
- Extensive custom PHP on top of a WordPress installation.
- Implemented auto-updating map of applicators based on callbacks which increased registration rate by more than 35%, streamlined ordering process, implemented automatic generation of custom shipping and packaging labels which boosted productivity by saving over 2 hours of work per order, and customized back-end for users.
- Designed a React Native app for applicators and employees that calculates the materials required based on the thickness of the coating and the size of the area where the coating is applied.

### WHEEL-ORDEAL & MAYAN DOOMSDAY | IOS DEVELOPER

Oct 2012 - Feb 2013

- Independently learned programming to design, code, and publish two iOS games built using HaXe.
- Responsible for both code and design.
- Wheel-Ordeal reached #19 on the AppStore.

## PERSONAL PROJECTS

### BUTLER | COMMAND-LINE ASSISTANT | [Live Link](#)

Oct 2016 - Present

- Built using C# 6.0\,NET 4.6 and Windows Presentation Foundation.
- Designed a modular system by implementing dynamic loading of class libraries through Reflection and designed an API which simplifies communication between the class libraries and the main program.
- Learned about socket programming and implemented communication between devices and the computer using local WiFi.

### MUSIC PLAYER | MODULE FOR BUTLER | [Live Link](#)

Nov 2016 - Present

- Modeled asynchronous and multi-threaded operations for categorization, searching, and usage of large number of local music files in order to maintain speed.
- Implemented a search system that utilizes the meta-data embedded inside the music files.