

ANDREW BOOTH

SOFTWARE ENGINEER

WORK EXPERIENCE

Coinbase

SR. SOFTWARE ENGINEER, 03/2020 - PRESENT

- Upon joining, primarily contributed to two Rails projects (one large fullstack monolith & one smaller API extracting background-checking logic).
- Refactored critical background checking pipeline, migrating logic to a Go service for improved efficiency.
- Demonstrated DevOps experience through maintaining a Sinatra codebase for code review and building a separate Go service for automated PR reviewer selection.

Shipt

SOFTWARE ENGINEER, 10/2017 - 03/2020

- Assisted migration from 3 Rails monoliths to microservices.
- Built product recommendations API on integrated team with data, frontend, and DevOps engineers.
- Implemented several API services for opening Shipt as e-commerce platform. Used in Target.com integration after acquisition.
- Stood up the order microservice for pulling the order object (Shipt's "god object") out of Rails monoliths.

BAE Systems Inc.

COMPUTER ENGINEER, 08/2016 - 04/2017

- Designed, implemented, and integrated actuation unit tests running onboard flight control computer using C and PPC assembly.
- Ensured code obeyed safety critical development and performance standards.
- Wrote Python script for translating hardware tests scripts from PowerTAP probe language to GHS scripting language.

SKILLS

- | | |
|--------------|------------|
| • Ruby | • Postgres |
| • Rails | • MongoDB |
| • Go | • DynamoDB |
| • Javascript | • AWS |
| • Docker | • GCP |

CONTACT

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ACADEMIC BACKGROUND

App Academy

SOFTWARE DEVELOPMENT, 2017

- Highly selective (5% acceptance rate) fullstack bootcamp
- 3 months of intense coursework covering Ruby, Rails, HTML, CSS, JavaScript, React, Redux, and algorithms
- Completed several projects, including a Windows 95 themed Slack clone called Slink

University at Buffalo

B.S. COMPUTER ENGINEERING, 2012 - 2016

- Summa Cum Laude, GPA 3.770
- TA for Fundamentals of Engineering class from Sophomore to Senior year
- Material covered: combinational logic, data structures, microprocessor architecture, assembly language, circuit analysis

PROJECTS

Whenster: A place for events

<https://whenster.co> (GitHub)

- Mobile-friendly web app for organizing events with friends
- Rails app running on Heroku with Sidekiq attached
- React-based frontend written in Typescript and using Tailwind CSS

typeid-ruby

github.com/broothie/typeid-ruby

- Official Ruby implementation of TypeIDs: Type-safe, K-sortable, globally unique identifier inspired by Stripe IDs

gspec

github.com/broothie/gspec

- A Go test framework, inspired by RSpec