

BRAM ADAMS

FREELANCE CREATIVE CODER

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Freelance Web Consultant with interests in coding, music, writing, and web development.

Skills

PROGRAMMING LANGUAGES

Java
Python
Javascript

TOOLS

Docker
UNIX Systems
MongoDB
GraphQL
Jest
TouchDesigner

FRAMEWORKS/LIBRARIES

Lodash
RxJS
NodeJS
React
Angular
p5js
Processing

Employment

Freelance Consultant	July 2019 to Current
Selected work done for clients: <ul style="list-style-type: none">website designwebsite developmentinteractive tutorials for students on technical topicstechnical writing for documentation	
Creative Coder Combining code, music, and stories to create interactive worlds for audiences. Most work is published on Instagram @_bramses	July 2019 to Current
Selected tools: <ul style="list-style-type: none">p5TouchDesignerProcessing	
Algolia Developer Advocate Represented and coordinated Algolia's community developer presence in NYC, through code, and community events, and writing	New York, NY Oct. 2018 to Feb. 2019
<ul style="list-style-type: none">Wrote Blog Posts surrounding release of Vue API library updateHosted Meetups for AlgoliaCreated Discourse channel for people to interact with Algolia and share ideas	
Education Engineer <ul style="list-style-type: none">Streamed live coding Algolia implementation on TwitchAutomated workflow for Slack botConverted dense material into more accessible language for customers and internal members of the organizationLed workshops for employeesBuilt demo applications showcasing Algolia API	New York, NY Feb. 2019 to July 2019
HBO Software Engineer The Media Software Engineering (MSE) team at HBO develops and supports applications and workflows that ingest media assets as they show up at our doors and run it through the media supply chain by processing, managing, transforming, and delivering the assets to all HBO affiliates and partners.	New York, NY June 2016 to Aug. 2018
<ul style="list-style-type: none">Wrote code that improved a micro-service's ability to both catch and recover from faults due to external systems failing, handlers that help abstract out workflow for different processes received from the message queue, and an adapter to email interested parties alerts about the micro-serviceDrove creation of page that allows users to dynamically create their own configurations for delivering assets, and converts it to JSONImplemented functional programming library rework (Lodash, RxJS) into a web dashboard making code easier to understand and testProject Owner for four micro-services in the workflow from story elaboration to productionIntroduced Swagger to the micro-services to auto generate API documentationRewrote a micro-service using GraphQL	
University of Rochester Web Developer for the Political Science Department	Feb. 2014 to May 2016
<ul style="list-style-type: none">Responsible for the Political Science Website. Most work for the site is done with PHP & Javascript.Append info to site whenever requiredServe as tech liaison between site and facultyServe as lead for younger members of the web team	
HBO Software Engineering Internship	June 2015 to Aug. 2015
<ul style="list-style-type: none">Used Docker and Ansible to deploy Docker containers and tested success using Behavior Driven Development techniquesUsed Spark Streaming, MongoDB, and the Twitter API to build the back end for a sentiment analysis tool	
University of Rochester Research Assistant	Apr. 2013 to Sept. 2013
<ul style="list-style-type: none">Collaborated with professors to create Chorus: Analyze, a program which crowd sources large video datasets to retrieve queries of interest quicklyTasks included creating the user interface and managing Amazon MTurk requests, making the experience intuitive to eliminate noise during the tests	

Education

University of Rochester
BS Computer Science 2016
Major GPA: 3.47
Relevant Coursework: Systems Organization; Web Development; Formal Systems; Artificial Intelligence; Databases (Relational); Linear Algebra & Diff Eq; Android App Development

Macquarie University
Study Abroad for the Fall 2014 Semester
Relevant Coursework: Algorithms; Programming Language Design

Activities

Computer Science Undergraduate Group Tutoring · Tutor

- Offered free weekly tutoring for students that need help with anything pertaining to Computer Science courses

RocHack · Organizer

- http://www.rochack.org - Inspires innovation on campus with weekly TED-like talks
- Helped coordinate Git & Flask Workshops
- Contributed to RocBuses app with RocHack to make site easier to use

Computer Science Undergraduate Group · Business Manager

- Managed finances for the Computer Science Undergraduate Council for the Spring 2014 Semester
- Helped lead the set up for the school's first Hackathon by dealing with sponsor donations

Projects

Finals With Friends

- Finals With Friends was my first project as a response to the student need across campus to have an easy way to form study groups
- Built using the Flask framework

usr/bin/blog

- A blog about tech and personal development, with well researched topics.

Awards

RocHack · 1st Place
RocHack's Spring '14 Hackathon for our submission !coldUR: an application to help students get around campus optimizing for warmth or speed