

CONTACT
INFORMATION

Website: www.aashishgadani.com
Phone: 804-586-3121

Objective: Software development position focused on algorithms, machine learning, or image processing.

EDUCATION

University of Maryland at College Park, College Park, MD USA
 B.S. Computer Science (Graduated May 2013) Total GPA: 3.666
 In Major GPA: 3.64
 B.S. Mathematics (Graduated May 2013) In Major GPA: 3.74

WORK
EXPERIENCE

Siren Software Developer February 2015 - January 2016
 Full stack development for a dating app focused on creating a safe environment for women. Worked on a Ruby on Rails API, CoffeeScript/Handlebars for an Ember web-app, and Android for a web-app wrapper. Work included end to end feature development and pairing with developers of varying levels of experience.

Coldbrew Collective Cofounder September 2013 - Present
 Experimental media group focused around supporting and performing experimental art. Coded and performed live visuals in conjunction with Seattle based Decibel Festival, Debacle Records, MTNS, Elevator, Cairo, Secondnature and Pent Up Release. Utilizing digital art techniques and graphics algorithms in Processing, C++, openFrameworks, GLSL, Final Cut Pro X, Python, OpenCV, and Blender. Coldbrew Collective was voted *Best Visual Artist* in Seattle Weekly's Best of Seattle 2015 Reader Poll. Coldbrew also participated in a 4Culture panel discussion, Art + Tech: How Tech is Disrupting the Art World.

Mona Contract Software Developer July 2014 - January 2015
 Developing back end services for a website/app in the shopping assistant domain. Primary coding responsibilities are in Java, using technologies like Java Spring Framework, MySQL, and Hibernate.

Amazon Logistics Software Development Engineer September 2013 - April 2014
 As part of the Shipment Planning Platform team, contributed to a high availability coordination service for processing requests to transport packages and evaluating output route suggestions. Primarily developed in Java using the Java Spring framework. Major projects include the launch of Amazon Fresh in San Francisco, as well as software enhancements to support handling failed delivery packages.

WMUC-FM College Park 88.1 DJ Fall 2011 - Spring 2013
 Cohost of *Rice Comes in Brown and White*, a music show that airs once weekly.

UCLA RIPS - Hong Kong Undergraduate Researcher Summer 2012
 Developed **CNVripper**, a program to detect copy-number variant regions across two populations, using only next-generation sequencing data. The project was developed in conjunction with **BGI-Shenzhen**, with the specific goal of determining candidate genes for cadmium adaptation in a specific population of *Daphnia pulex*. Programming was done in Perl and R.

PUBLICATIONS

Darya Filippova, **Aashish Gadani**, Carl Kingsford. *Coral: an integrated suite of visualizations for comparing clusterings*. BMC Bioinformatics 2012, 13:276.

STRENGTHS

Technologies:

Audio/Visual: Processing, openFrameworks, Adobe Photoshop, Final Cut Pro X, Adobe After Effects, iMovie, Ableton Live, Blender, Supercollider, GLSL, OpenCV, Adobe InDesign,
Web/App: CoffeeScript, JavaScript, Ember.js, SASS, Handlebars, Ruby on Rails, Android
Object Oriented Design: Java, C++
Scientific Research: MATLAB, L^AT_EX, R
Other: MySql, Python, Perl, C