

Aditya Sridhar

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SKILLS

Languages

Proficient in • C++ • Python

• JavaScript • SQL

Familiar with • C • Java • Ruby • C#

Back-end development:

• Django • Node.js • Flask

• Ruby on Rails • .NET • Parse

Front-end development:

• AngularJS • JQuery • HTML • CSS

• Bootstrap

Databases:

• MySQL • MongoDB • Microsoft SQL

Tools:

• Git • Jenkins • Jira • Heroku • Twilio

• Kimono

EDUCATION

2B SOFTWARE ENGINEERING

Expected May 2018 | Waterloo, ON

Relevant Courses:

CS 240: Data Structures and Data

Management

CS 247: Software Engineering Principles

CS 241: Foundations of Sequential

Programs

Math 239: Introduction to Combinatorics

AWARDS

EUCLID MATHEMATICS CONTEST

May 2013 | University of Waterloo

Stood in the **top two percentile** of over 17000 candidates

HYPATIA MATHEMATICS CONTEST

May 2012 | University of Waterloo

Stood in the **top four two percentile** of candidates

PRESIDENT'S SCHOLARSHIP OF DISTINCTION

May 2013 | University of Waterloo

Admission average of 93%

CS 169.1X SOFTWARE AS A SERVICE

Jul 2013 | UC Berkeley

Use of Agile techniques to develop **SaaS** in Ruby on Rails

EXPERIENCE

TRANSIT LABS | SOFTWARE DEVELOPER

Jan 2015 – Apr 2015 | Waterloo, ON

- Implemented the trip booking feature using **AngularJS** to consume a RESTful API
- Improved **application security** by implementing the email verification feature
- Audited accessibility of the client facing application, making it more accessible to people with disabilities
- Worked in an **Agile** team of developers and contributed to the code review process

CAREERIFY CORPORATION | SOFTWARE DEVELOPER

May 2014 – Aug 2014 | Toronto, ON

- Independently implemented a Flask application that uses **data analytics** to enhance client satisfaction
- Implemented a **RESTful service** in .NET Web API and integrated with AngularJS framework in the frontend
- Automated the entire client launch process using Python, improving time to launch by **400%**
- Improved application security by upgrading social network authentication from OAuth 1.0a to **OAuth 2.0**

PROJECTS

FORKS AND SPOON | LEAD BACKEND DEVELOPER

HackIllinois, 2015 | Flask, Parse, Twilio, Objective-C, HTML, CSS

- An iOS app that helps student chefs turn their dining area into a restaurant
- Created the **entire backend** framework using Flask

WORDBUZZ | ALGORITHMS DEVELOPER

EngHack, 2015 | Flask, Python, Twitter API, JQuery, HTML, CSS

- A web application that allows you subscribe to certain words and get notified when those words trend on Twitter
- Leveraged **statistical techniques** to implement an algorithm to detect if a word is trending on Twitter

SKIP THE WAIT | FRONT END ARCHITECT

Hack The North, 2014 | AngularJS, Node.js, HTML, CSS, MongoDB

- A tool that aims to reduce wait times at walk-in clinics
- Built the **entire frontend** architecture using AngularJS

OPEN SOURCE DEVELOPMENT

Mozilla Open Source

- Resolved an unexpected behaviour in **Mozilla's** job listing web application

TRANSIT CHECK | BACKEND DEVELOPER

BattleHack Toronto, 2014 | Node.js, JQuery, MongoDB, Twilio, Kimono

- An online platform that alerts users about unexpected timing mismatches in public transit system
- Created the main backend infrastructure and implemented Twilio integration

WHITEBOARD | FULL STACK DEVELOPER

HackWaterloo, 2014 | Node.js, JQuery, HTML, CSS, MongoDB

- A web application that simplifies the way developers connect with each other to build cool projects
- Awarded the **Best Design Hack**