# Aditya Sridhar

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## EXPERIENCE

**INDOCHINO**                                        Full Stack Engineer
Sept 2015 – Dec 2015                                        Vancouver, BC

- Implemented a process that gathers garment alteration instructions from showrooms worldwide and detects flaws in the product, **saving $1000s/week in each showroom**
- Independently executed a project that computes a client's measurement profile, based on the recorded alteration instructions, **saving thousands of labour hours**
- Leveraged Object Oriented design patterns in PHP to develop **reusable**, responsive and **user-centric** UI elements for a high revenue generating project

**TRANSIT LABS**                                        Software Developer
Jan 2015 – Apr 2015                                        Waterloo, ON

- Revamped a critical component of the app using AngularJS to consume a Django RESTful API, in a move towards a **Single Page Application** architecture
- Significantly improved **application security** by implementing the email verification feature, thus **preventing internet fraud**

**CAREERIFY CORPORATION**                                Software Developer
May 2014 - Aug 2014                                        Toronto, ON

- Independently implemented a Flask application that uses **data analytics** to gain insights on client's activities, thus **increasing customer retention**
- Enhanced application security by upgrading social network authentication from OAuth 1.0a to **OAuth 2.0**
- Automated the client onboarding process, decreasing time to launch client by **400%**
- Implemented a **RESTful API** in .NET and integrated with front-end in AngularJS

## PROJECTS

**ANONIMO**  | Link                                Hack The Planet, CA, 2015

- Allows students to anonymously ask questions to the professor during a lecture
- Led a team of four at **Major League Hacking Season Finale**

**WHITEBOARD**  | Link                                HackWaterloo, ON, 2014

- Simplifies the way developers connect with each other to build cool projects
- Winner of **Best Design Award**

**FORKS AND SPOON**  | Link                            HackIllinois, IL, 2015

- An iOS app that helps student chefs turn their dining area into a restaurant

**TRANSIT CHECK**  | Link                        BattleHack Toronto, ON, 2014

- Alerts users about unexpected timing mismatches in Toronto's public transit system

**WORDBUZZ**  | Link                                    EngHack, ON, 2015

- Allows you to subscribe to certain words and get notified when they trend on Twitter
- Leveraged **statistical techniques** to detect if a word is trending or not

**SKIP THE WAIT**  | Link                            Hack The North, ON, 2014

- Allows patients to check-in to an online queue, reducing wait times at walk-in clinics

**MOZILLA OPEN SOURCE**  | Link

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

## SKILLS

### Programming
Proficient
- C++ • SQL • JavaScript • PHP

Familiar
- Python • Java • C# • Ruby

### Technologies
Back-end
- Django • Kohana • Node.js
- Parse • Flask • Ruby on Rails
- .NET

Front-end
- AngularJS • JQuery • YUI.js
- HTML • CSS

Databases
- MySQL • MongoDB

Tools:
- Git • Jira • Heroku • Twilio

## EDUCATION

### University of Waterloo
Bachelor of Software Engineering
- Expected May 2018
- Cumulative average: 84.13%
- Minor in **Combinatorics & Optimization**

## AWARDS

### Euclid Math Contest
- Top **2 percentile** of over 17000 candidates

### Hypatia Math Contest
- Top **4 percentile** of candidates

## INTERESTS

- Avid hackathon participant
- Passionate about photography Instagram link: **/addysridhar**
- Enthusiastic about cooking
- Loves watching historical documentaries