

# Aditya Shastri

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## Experience

### Software Engineering Intern

*Viacom, Inc.*

*Summer 2017*

- Worked in the Enterprise Architecture team to link together large amounts of graph data to improve research capabilities
- Used various string matching methods like distance, ratio, and preprocessing to find matches in data

## Education

### Rutgers University-New Brunswick Honors College

*Computer Science and Mathematics*

*Class of 2020*

- GPA: 4.0/4.0, High School GPA: 3.9/4.0, SAT: 2350
- Courses: Data Structures, Computer Architecture, Math Reasoning, Linear Algebra

### Academic Programs

*PACT*

*June 2015 - April 2016*

- Program in Algorithmic and Combinatorial Thinking
- Studied greedy algorithms, dynamic programming, NP-completeness, divide&conquer, and network flows
- Time and memory complexity to improve software

### Coursera.org

*Certificate in Machine Learning, Stanford*

*Winter 2016-17*

- Fundamentals of supervised and unsupervised learning
- Studied techniques including SVMs, collaborative filtering and anomaly detection
- Learned to analyze performance of an algorithm through error analysis and learning curves

*Auditing Server-Side NodeJS, Hong Kong U.*

*Spring 2017*

- Developed Express, Node, and Mongo apps
- Implemented sessions, cookies, and basic auth.

## Projects

**Waiter** *A cross-platform app to help restaurant operation*

- Created an Alexa skill to handle orders from customers
- Created two live websites for merchants + customers
- Implemented Nessie API for handling revenue totals

**Finish** *An app to help people develop good habits*

- Created mobile app using React-Native
- Maintained database with MongoDB+MeteorJS
- Implemented OAuth with Facebook and Google

**Here to There** *A project to help navigate Rutgers buses*

- Finds closest bus stop and bus code for two buildings
- Created servlet to integrate with Tomcat server
- Google Maps, Twilio, Rutgers Bus API, Amazon Echo

## Skills

- Node.js, Java, Python, C
- Express.js, Angular 4, Flask, Django, React-Native
- Amazon Web Serv., Docker, MongoDB, Git, RDF/SPARQL

## Awards

- 3rd place in Google Community Challenge
- Finalist, Best financial hack at HackPrinceton(Waiter)
- Henry Rutgers Award and Trustee Award
- National Merit Semifinalist and National Honor Society

## Leadership

- HackRU Sponsorship Team
- Organize events and programs for CS club

## Languages

- English - Fluent
- Marathi - Fluent
- Spanish - Intermediate
- Hindi - Basic

## Profile



[linkedin.com/in/aditya-shastri](https://linkedin.com/in/aditya-shastri)



[github.com/adshastri](https://github.com/adshastri)



[devpost.com/adityashastri](https://devpost.com/adityashastri)



[adshastri.github.io](https://adshastri.github.io)