

# Ahan Mukhopadhyay

## Software Developer

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**Ahan Mukhopadhyay**

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9450 Gilman Dr.  
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### Education

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**University of California, San Diego / BS Computer Science**

SEPTEMBER 2016 - JUNE 2020, SAN DIEGO | GPA: 3.8

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### Experience

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**Swish Labs / Software Dev Intern**

JUNE 2017 - PRESENT, REMOTE

- Worked on all aspects of backend web development.
- Improved concurrency in the room8 (iOS app) server for 10k active users.
- Created REST APIs to expand server support to mobile apps.
- Created Gatorade Loyalty CMS server and contributed to Gatorade.com

**Yobi Technologies / Software Dev Intern**

APRIL 2016 - JULY 2016, GURGAON, INDIA

- Developed an extreme weather alert tool for use by the Government.
- Created a web app that collected data from 100+ IoT weather stations.
- Implemented data visualization models that helped identify at-risk regions.
- Made a MVP of a low-cost CCTV that could count traffic, piloted by police.

**CSE Department UCSD / Tutor**

SEPTEMBER 2017 - DEC 2017, SAN DIEGO

CSE 11 ( Intro to Java and OOP ) Tutor for Professor Rick Ord.

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### Projects & Awards

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**ClickBlock / A Chrome Extension that counters clickbait**

[Social Hack Winner, HackUCI 2017](#)

- Automatically checks every link on your Facebook newsfeed for clickbait.
- Changes the title to one that is more appropriate for the article's content.
- Provides a 10-line summary on hover and a probability of correctness.
- Published on Chrome Web Store ([link](#)).

**Campaign / Visualization of the Perception of Presidential Candidates**

[Twitter Prize Winner, AngelHack Delhi 2016](#)

- Used sentiment analysis to score perception of candidates live as well as from 50,000 tweets since January 2016.
- Utilized concept extraction to get keywords that were most closely associated with each candidate.
- Tech Used: HPE Haven onDemand, Twitter REST and Stream API, Flask

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### Skills

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Programming Languages: Java, Python, Javascript, C

Frameworks/Tools: MongoDB, Node.js, MeteorJS, React/Preact, Flask