

# AHRENN SIVANANTHAN

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## EXPERIENCE

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### Product Management Intern

Jan – May 2019

Datadog, New York, NY

- Led strategic planning, market research & product vision to enter a new market projected at ~\$3B by 2022
- Identified customer drop-off points in platform, prioritizing platform changes to increase retention by ~25%
- Communicated in weekly 1-1s with product directors, engineering managers, and VPs to share launch plans
- Envisioned, validated & prioritized partner integrations; executing on implementation for enterprise customers

### Product Management Intern

May - Sep 2018

Cloudflare, San Francisco, CA

- Led multiple engineering teams as a PM, providing metrics for product phases, tracking KPIs, & setting OKRs
- Conducted market gap analysis into VPN proxies, & devised an enterprise solution with 90% profit margins
- Shipped a SQL proxy engine, leveraging Cloudflare's distributed network for 2.4x faster query responses
- Modernized the integration process with Microsoft Azure, increasing annual product profits by ~15%

### Product Engineering Intern

Jan - Apr 2018

Athos, San Francisco, CA

- Integrated an analytics tool into the product management ecosystem for 100% visibility into user metrics
- Managed the design, development & shipping of numerous business-level necessities from product directors
- Provided contractual benchmarks for sales by utilizing Graylog for user data analysis (1.6MM logs hourly)

### Software Engineering Intern

May - Sep 2017

Optimizely, San Francisco, CA

- Restructured core data storage, reducing AWS costs to achieve a priority KPI of \$100,000 saved yearly
- Reconstructed data ingestion flow, improving latency & throughput of events by 10X & 20% respectively
- Utilized Docker to publish a decentralized data flow, facilitating an increase in test coverage to 98%

### Software Engineering Intern

Sep - Dec 2016

WayUp, New York, NY

- Led platform design through many iterations, incorporating customer feedback to drive user growth up 30%
- Performed collaborative filtering, gathering user insights to lift relevant suggestions in excess of 40%
- Developed a profile following feature scalable to over 10MM users with Neo4j & Python REST bindings

### Software Developer Intern

Jan - Apr 2016

TVO, Toronto, ON

- Illustrated the value of mobile optimization through A/B tests on friction points, boosting click-through by 400%
- Introduced scrum management to an engineering division, improving task completion in sprints by ~20%

## PROJECTS

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### Mappable

See More: <https://bit.ly/1MJvqRv>

- Founded & validated an application to translate sign language to voice output using Leap Motion sensors
- Generated a 3-D model of a user's hand in real-time, enhancing detection of hand signs with deep learning

### Prefect

See More: <https://bit.ly/2f3oeb5>

- Designed, scoped & prototyped a web-based learning platform to broadly share fundamental knowledge
- Assisting recent parolees with rehabilitation, career searches, & gaining rudimentary math & language skills

## SKILLS

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**Management:** Adobe CC, AxureShare, Confluence, Figma, Jira, Mode, Optimizely

**Languages:** Java, Python, C, C++, AWK, Bash, SQL, HTML, CSS, JavaScript

**Technologies:** Django, MySQL, MongoDB, Neo4j, PostgreSQL, Node, Angular, Guice

**Other:** Flume, HBase, Kafka, AWS (EC2/S3/SNS/SQS), RabbitMQ, Docker

## EDUCATION

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### Computer Engineering, Honours Bachelor of Applied Science (BASc)

Sep 2015 – Present

University of Waterloo, Waterloo, ON

- Minor in Management Sciences