

# SATVIK SETHIA

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## EDUCATION

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### University of Illinois at Urbana Champaign

*Bachelor of Science, Computer Science + Linguistics*

GPA – 3.82

Urbana, IL

*Expected December, 2020*

## WORK EXPERIENCE

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### HubSpot

*Backend Software Engineer Co-op*

Cambridge, MA

*January 2020 – Present*

- Joined as full member of the team, expected to pick tasks out of the team's scrum board backlog.
- Working in Java to improve tools for developers to design, develop and test APIs with more ease.

### Qualcomm

*Software Development Engineer Intern*

San Diego, CA

*May 2019 – August 2019*

- Designed and developed a web portal across the full stack.
- Leveraged AWS Lambda, DynamoDB and API Gateway in the backend and wrote the API in Python.
- Wrote CloudFormation scripts for all AWS services for one-click deployment in production.
- Learnt a JavaScript framework (Vue.js) and created a frontend for the portal.

### Yupik Language Laboratory

*Research Assistant*

Urbana, IL

*Feb 2019 – Present*

- Revitalizing St. Lawrence Island (Siberian) Yupik, an acutely under-resourced indigenous language.
- Building an end-to-end direct Speech Translation model using deep learning.

### Cashfree

*Software Development Engineer Intern*

Bengaluru, India

*Jun 2018 – Aug 2018*

- Wrote a heartbeat notification sender-receiver using Java, PHP, AWS SQS and SNS to alert all merchants of a bank service crash.
- Collaborated with the sales department and wrote two twitter bots in Python to generate leads, and used the Gmail and Streak CRM APIs to automate their addition to the CRM.

## PROJECTS

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**Haunted** Made a website that helps people search for haunted locations. Worked on setting up the backend on AWS (APIGateway, Lambda, RDS MySQL), and wrote the search and filter functionalities.

**PrecAgriWeb** Created a website to display data visualizations of high-precision agricultural information. Working on leveraging GCP services for the backend to efficiently store and retrieve geographic data.

**SyntaxTrees** Made an application for generating the syntax tree of a sentence using the rules of the X-Bar Theory. Worked on constructing the trees in C++. Used openFrameworks v9.8 to display the trees.

## SKILLS AND TECHNOLOGIES

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**Proficient** Java, Python, JavaScript, C++, C, Kotlin, HTML/CSS, Vuejs, AWS

**Familiar** MongoDB, SQL, Clojure, Racket, Flutter, PHP, Bash, Git, Heroku

## EXTRACURRICULAR ACTIVITIES

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**Webmonkeys** Chaired ACM's Webmonkeys Special Interest Group for web development.

**SigNLL** Member of ACM's Special Interest Group for Natural Language Learning.

**Staff Writer** Followed the Fighting Illini Sports teams for the Daily Illini – a student-run newspaper.