

# SATVIK SETHIA

New York City | (630) 440-4711 | [satviksethia@gmail.com](mailto:satviksethia@gmail.com)  
[GitHub](#) | [Website](#) | [LinkedIn](#)

## WORK EXPERIENCE

---

### HubSpot

Senior Software Engineer I

Remote / Cambridge, MA

July 2021 - Present

- Developing a scoring framework for marketing and sales (leads), service, and customer-defined use cases.
- Implemented scoring features like bulk evaluation and detailed history, capable of serving 1 billion requests/day.
- Built the integration and relaunch of the module marketplace for the HubSpot CMS.
- Revamped all asset validation, and automated all checks, decreasing development time for providers, and internal review time from 3 hours to 15 minutes per theme, and increased the quality of assets on the marketplace.
- Collaborated with the marketplace quality, legal, business development, and marketing teams to enforce validation.

Software Engineer Co-op

Jan 2020 – May 2020

- Extended the GitHub PR Feedback tool to automate detecting breaking changes for over 10,000 HubSpot APIs.

### Qualcomm

Software Development Engineer Intern

San Diego, CA

May 2019 – Aug 2019, May 2020 – Aug 2020

- Implemented licensing on the SOC using the internet-of-things MQTT protocol.
- Created an app using react native that controlled the features on the device upon receiving the MQTT messages.
- Developed a full-stack portal hosted on AWS that enabled admins to communicate with the app to manage licensing.

### Yupik Language Laboratory

Research Assistant

Champaign, IL

Feb 2019 – Dec 2019

- Contributed to revitalizing St. Lawrence Island Yupik, an acutely under-resourced indigenous language.
- Initiated the effort to build an end-to-end direct Speech Translation model using deep learning.

## EDUCATION

---

### University of Illinois at Urbana Champaign

Bachelor of Science

Champaign, IL

May, 2021

Computer Science + Linguistics, Math (minor), GPA – 3.79/4.0

## PROJECTS

---

**Hauntd** Website that helps people search for haunted locations. Set up the backend on AWS, wrote the search functionality, and created a filter for nearby locations using the Haversine formula.

**PrecAgriWeb** Website to display data visualizations of high-precision agricultural information. Leveraged GCP services and built the backend in node.js, to efficiently store and retrieve localized geographic and agricultural data.

**SyntaxTrees** Application for generating and displaying the syntax tree of a sentence using the X-Bar Theory in C++.

## SKILLS AND TECHNOLOGIES

---

**Proficient** Java, Python, C++, C, JavaScript, Kotlin, AWS, IoT

**Familiar** SQL, HBase, MongoDB, HTML/CSS, React Native, PHP, Bash, Git, Clojure/Racket, Flutter, GCP

## EXTRACURRICULAR ACTIVITIES AND INTERESTS

---

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

**Staff Writer** Followed the Fighting Illini Sports teams for the Daily Illini – the college newspaper.

**Hobbies** Soccer (Manchester United), Bouldering, Guitar.