

# Sanchit Batra

[Email](#) | [Website](#) | [LinkedIn](#) | [Devpost](#)

## Work Experience

**Software Engineer, Productiv, Inc.**

Jun'20 - Present

- Node.js | AWS Lambda, SQS, DynamoDB, S3, Cloudwatch, CodePipeline | Vue.js
- Scaled user search using **Elasticsearch** resulting in a **100x improvement** in the number of supported users
- Integrated with Okta's APIs to implement an **SSO access management workflow** which expanded the number of workflow supported apps in Productiv **from 11 to over 7000**
- Added ability to conduct **employee surveys** from Productiv through email and a slackbot
- Implemented application usage statistics visibility by manager, now the **highest used segment** in Productiv
- Increased automated end-to-end test coverage using **Selenium** causing proactive identification of bugs
- Migrated expensive AWS Lambdas to several lightweight SQS-triggered Lambdas to **improve system scalability and reliability**
- Mentored interns and supported fellow engineers by providing **code walkthroughs**, reviewing pull requests and conducting **collaborative debugging sessions**

**Teaching Assistant + Research Aide, University at Buffalo**

Aug'17 - May'20

- Led the design + implementation of an **ethical routing project** for ~280 students, funded by **Mozilla**
- Developed the template and grader code for an NP-Complete reduction problem in **Python, C++ and Java**
- Served as an assistant for an internet seminar, Data Structures, Algorithms and a senior-level course on the societal impact of algorithms
- Provided online support through Piazza, led recitations, graded exams and conducted office hours

## Education

**B.S. Computer Science, University at Buffalo**

Aug'16 - May'20

GPA: 4.0/4.0

## Awards

- **Best Almond Hack + Best Bixby Hack, Stanford University** Feb'20
- **Best Hack + Best Use of Google Cloud, Princeton University** Nov'19
- **Best UiPath Automation Hack, University at Buffalo** Nov'19
- **Best Hack: Wayfair + 2nd Best Hack: IBM, Cornell University** Sep'19
- **Student in Technology Nominee, Infotech WNY** Apr'20
- **Faculty Choice Award, University at Buffalo** May'20
- **Best Poster Award, University at Buffalo** May'20
- **Inspirational Hacker Nominee, Major League Hacking** Feb'20
- **Chancellor's Award for Student Excellence Nominee, SUNY** Dec'19
- **Grace W. Capen Award, UB Women's Club** Apr'18
- **Top student contributor for 10 course Piazzas, University at Buffalo** Jan'17 - May'20

## Projects

The complete list of projects I have worked on is available on my [LinkedIn](#)