Sanchit Batra

[Email](#) | [Website](#) | [LinkedIn](#) | [Devpost](#)
Seattle, WA

Work Experience

Software Development Engineer III, *Productiv, Inc.*　　　　　　　　　　May'23 - Present
Software Engineer, *Productiv, Inc.*　　　　　　　　　　　　　　　　　Jun'20 - May'23
- Tech: Node.js, AWS Lambda, SQS, DynamoDB, S3, Cloudwatch, Secrets Manager, CodePipeline, Vue.js
- Pioneered **data export** and **import** APIs with currently 23 active customers and ~5000 weekly API calls
- Scaled user search using **Elasticsearch** resulting in a **100x increase** 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**
- Introduced a new **resource based permissions model** to open up Productiv access to a wider audience
- Added ability to conduct **employee surveys** through email and a slackbot
- Implemented a feature to allow viewing application usage statistics aggregated by manager
- Increased automated end-to-end test coverage using **Selenium** resulting in proactive identification of bugs
- Migrated heavy AWS Lambdas to several lightweight SQS-triggered Lambdas to **improve system scalability**
- Mentored 2 interns in projects like support for multiple client credentials & developer tooling using slackbots

Teaching Assistant + Research Aide, *University at Buffalo*　　　　　　　Dec'19 - May'20
- Served as an assistant for multiple courses including an internet seminar, Data Structures, Algorithms and a senior-level course on the societal impact of algorithms
- Led the design + implementation of an **ethical routing project** for ~280 students, funded by **Mozilla**
- Developed the template and grading code for an NP-Complete reduction problem in **Python, C++ and Java**
- 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 can be accessed on my [LinkedIn](#)