

# Aditya Bist

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## EDUCATION

### CARNEGIE MELLON

BS IN ELECTRICAL AND COMPUTER  
ENGINEERING AND COMPUTER  
SCIENCE

May 2016 | Pittsburgh, PA  
ECE (Carnegie Institute of Technology)  
CS (School of Computer Science)

## LINKS

Github:// [abist](#)  
LinkedIn:// [adityabist](#)

## COURSEWORK

Functional Programming  
Software Systems Construction  
Data Structures and Algorithms  
Lambda Calculus  
Algorithms  
Parallel Comp. Arch & Programming  
Graduate Machine Learning  
Game Theory  
Probability Theory

## CONTRIBUTOR

### GITHUB

Microsoft/[angular2-slickgrid](#)  
Microsoft/[azuredatastudio](#)  
Microsoft/[pgtoolsservice](#)  
Microsoft/[sqlops-dataprotocolclient](#)  
Microsoft/[sqltoolsservice](#)  
Microsoft/[vscode](#)  
Microsoft/[vscode-mssql](#)

## SKILLS

### PROGRAMMING

Proficient:

Java • Python • C#

Typescript

Familiar:

Ruby • Android • C • SQL

Matlab • SML • Android

CUDA • System Verilog

## EXPERIENCE

### MICROSOFT | AZURE CLOUD + AI

#### SOFTWARE DEVELOPMENT ENGINEER II

January 2020 – Present | Redmond, WA

- Owner of Microsoft SQL Server extension for VSCode (3.4M+ installs and 300k+ Monthly Active Users)
- Led 32% increase in Dedicated Monthly Active Users to 248k+ in the first month of ownership. Total 61% increase to 302k+ Monthly Active Users since ownership (Sept 2019)
- Core engineer and Release Manager for Azure Data Studio.

#### SOFTWARE DEVELOPMENT ENGINEER

August 2016 – December 2019 | Redmond, WA

- Full Stack engineer on the SQL Databases Tools team (SQL Server Management Studio, Azure Data Studio, MSSQL for VSCode etc.)
- Owner of all user and application telemetry data collection and reporting for all Microsoft SQL Tools.
- Owner of Microsoft SQL Tools Security and Privacy. Also led GDPR Compliance for all Microsoft SQL Tools.

### CLEARSLIDE | SOFTWARE ENGINEERING INTERN

May 2015 – Aug 2015 | San Francisco, CA

- Worked on the Android Dev team to release the ClearSlide Mail Android app.
- Won the "Best Feature" award in the company wide engineering dash for a newly implemented service.

### BETTER FINANCE | SOFTWARE ENGINEERING INTERN

May 2014 – Aug 2014 | San Francisco, CA

- Worked on and shipped the web application for the company's new auto-loan approval product offering
- Successfully launched product, acquiring deals from T-Mobile and MetroPCS

### CARNEGIE MELLON UNIVERSITY | GRADER AND TUTOR

Jan 2013 – May 2013 | Pittsburgh, PA

- Graded homeworks, assignments and exams for Physics for Engineers class
- Held tutoring sessions on weekends for CMU Tutoring

## PROJECTS

### INVIDEO SEARCH | 3RD, GREYLOCK HACKFEST 2015

Hacked a web-app which allowed a user to search for a scene in a video by describing the scene in words. Extensively used open source ML and NLP libraries and data corpII for image tagging and word semantic similarity training respectively.

Link : <https://devpost.com/software/invideosearch>

### SCAN MY CODE | 2ND, CAPITAL ONE SOFTWARE ENG. SUMMIT 2014

Hacked an Android app that allowed a user to take a picture of any hand-written Python code and get its compilation results using handwriting recognition libraries and online compilation services