# Ahsan Qureshi

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https://github.com/aqureshi8/

## Education

*Stony Brook University*                    Aug. 2013 - May 2017
Computer Science Major                    GPA: 3.78
Magna Cum Laude
Dean's List
University Scholar

## Work Experience

*Yext*

Software Engineer                                    May 2019 - Present

- Work on a team in charge of managing and optimizing five of Yext's products, consisting of 41 micro-services, by developing and architecting new services, adding new features, refactoring code, and fixing bugs.
- Designed and developed the team's first highly available cloud service (99.99% uptime) by migrating our Question and Answers Api service to AWS; wrote documentation to guide future service migrations.
- Leveraged parallel processing, relevant data structures, and newer Yext design patterns to enhance throughput, scalability, and code readability of the team's Social service, used by over 6000 clients each week to make an average of 30,000 posts on various publishers.
- Lead weekly workshops with students at Hunter College including resume building, behavioral interviews, building data structures, and working through problems on LeetCode.

*Interaudi Bank*

Software Developer / Systems Integration, Associate          Sept. 2018 - May 2019
Software Developer / Systems Integration, Analyst            June 2017 - Sept. 2018

- Increased efficiency of automated daily Python and C# procedures by over 50% by utilizing relevant data structures and effective algorithms to reduce redundancy.
- Developed services that communicate through Salesforce to perform tasks such as deposit mobile checks, deliver electronic documents, send clients one time pins with AWS SNS, AWS S3 and Twilio, and more.
- Wrote Salesforce Apex classes, triggers, and VisualForce pages to create a highly customized and functional Salesforce instance; increased code coverage by 10% with test and helper classes.
- Set up and maintained Interaudi's first GIT server.

## Personal Projects

*RipMail* : Web Application (Java, ReactJS, Spring Boot, Google Protobuf, Maven, MySQL)
Under Development                                    Jan. 2021 - Present

- Creator and Lead Developer of RipMail, an endeavor to end paper mail as we know it.
- An application that will enable users to no longer receive paper mail and instead view it through an intuitive web portal.

## Skills

*Languages*: Experienced in Java, Python, JavaScript, HTML, CSS, and MySQL. Intermediate with C, C#, Kotlin, PHP, and Perl. Beginner with MIPS, SML, Prolog.

*Frameworks*: Experienced with React and Play. Beginner with AngularJS, NodeJS, and Bootstrap.

*Technology*: Experienced in gRPC, Google Protobuf, GIT, Gerrit, Bazel, and TeamCity CI/CD tool. Beginner with Docker and Jenkins.