

# Adit Gupta

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## Education

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### Drexel University

Doctor of Philosophy (Ph.D.) in Computer Science

Master of Science in Computer Science

Bachelor of Science in Software Engineering

Philadelphia, PA, USA

Sept 2019 – June 2023 (*expected*)

Sept 2019 – Sept 2020 (*expected*)

Sept 2014 – June 2019

## Skills and Relevant Knowledge

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### Strengths:

**Programming Skills:** Prior experience in Java, JavaScript, C#, Python, Swift, Python, Bash, HTML, CSS

**Frameworks and Libraries:** Prior experience in ASP.NET, .NET Core, Angular 5, React JS, JQuery, RxJS/NgRX

## Work Experience

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### United States Government

Graduate Fellow

Washington D.C, USA

Summer 2018, 2019, 2020

- Active Top Secret/Sensitive Compartmented Information with full-scope polygraph (TS/SCI) security clearance.
- Created IoT solutions, analyzed compression algorithms, developed software, strategized & proposed a multi-million-dollar cloud project.

### VyB Technologies, LLC

Co-Founder (www.myvyb.io)

Philadelphia, PA, USA

Nov 2018 – March 2020

- Raised over \$200,000 in in-kind services to launch a social reviews & ratings platform on iOS and Android – with over 3,000 MAU.
- Discover patent pending technology to grow businesses in the hospitality industry get real-time customer information for geo-targeted ads.
- Lead a team of 12 individuals, and developed IP portfolio with trademarks, copyrights and patent pending on technology.

### Comcast

Web and Mobile Software Engineer Intern

Philadelphia, PA, USA

April 2018 – June 2018

- Support a data driven software product, assessable to 22.5 million customers, participate in UI/UX design, and create a brand new product called NPC Callback, with the goal to create a better customer feedback experience for all Comcast call center representatives.
- Create NPS Callback from wireframes to a software product using Angular 5, NodeJS, ExpressJS, Redux and other tools, in agile workflow.

### Children's Hospital of Philadelphia

Researcher and Software Developer

Bala Cynwyd, PA, USA

Dec 2017 – Feb 2019

- Co-Author an academic paper with University of Pennsylvania faculty and staff, in review to be published in SAGE human factors journal.
- Created a Virtual Reality video conference app from scratch using JavaScript, Twilio API, and AWS. Tested on Google Cardboard.

### SAP

Machine Learning and Software Engineering Intern

Newtown Square, PA, USA

April 2017 – Sept 2017

- Created a Machine Learning Chatbot using TensorFlow, SAP UI5, and HANA Cloud Infrastructure; currently used by 120,000 customers.
- Collaborate with team globally and follow an agile workflow to present findings to exec. Management including CTO and President.

### Susquehanna International Group, LLC

Software Engineer Intern

Bala Cynwyd, PA, USA

March 2016 – Sept 2016

- Built a data visualization web application from scratch using C#, MySQL, ASP.NET framework and hosted on multiple servers worldwide.
- Developed web crawler to analyze over 300 internal web application, then create an automated report, automatically sent to all stakeholders.

## Leadership Experience

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### Microsoft

Student Partner Program

Redmond, WA, USA

March 2015 – June 2019

- Build and present proof of concept demo projects using Azure, AI Cognitive Services, and other Microsoft cloud services.
- Held 39 workshops to teach technical and soft skills at elementary, high schools and universities. Build expertise in Microsoft technologies.
- Attended Microsoft Build 2018 Conference with the opportunity to speak with CEO, Satya Nadella & Received Global Student Partner Award.

### Drexel Blockchain Club

Co-Founder & President

Philadelphia, PA, USA

June 2018 – June 2019

- Created an organization that operates like a consulting firm, recruited 55+ students, developed organizational hierarchy and long term strategy.

### Resident Advisor (RA)

IHP & Kelly Hall Advisor

Philadelphia, PA, USA

August 2016 – Present

- Create a professional advising relationship with over 100 underclassmen, enforce university policies, host weekly events, and create reports.

## Awards and Scholarships

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- Forbes 30 Under 30 Scholar Award (2018)
- Microsoft Global Scholar of Year (2018)
- Prizewinner at Harvard Hackathon (2016)
- Prizewinner at HackZurich, Switzerland (2016)