

# SACHAL S. MALICK

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## EDUCATION:

Stuyvesant High School (2013 - 2017)

University at Buffalo (2018-2021) - B.S. Computer Science (GPA: 3.56)

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## ADVANCED KNOWLEDGE

### LANGUAGES

- Python
- Java
- PHP
- C/C++
- Scala
- Javascript

### FRAMEWORKS/BUILDTOOLS

- Flask
- Laravel
- Maven
- SBT
- Ant

### RELEVANT COURSEWORK

- Distributed Systems
  - Artificial Intelligence
  - Real Time Embedded Systems
  - Blockchain Applications
  - Modern Network Concepts
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## EXPERIENCE

### CafeX Communications - Software Developer Intern

- Part of an agile development team for CafeX Live Assist, responsibilities involved debugging issues in their Android SDK, committing fixes to the repository, maintaining the scrum board
- Development tools: Android Development Kit, Java, Cisco Finesse Gadget, Subversion, Jira

Cardiff, Wales  
2015

### Mycrogift - Lead Developer

- Worked as the lead developer for a short-lived startup founded by an SVP from CafeX

New York, NY  
2015

### Speakerbus - Engineering Intern

- Debugged problems in customer systems that included turrets, IP phones, and various other SIP endpoints.
- Assisted with hardware installs on the trading floors of large financial institutions including Morgan Stanley.
- Performed testing of a new virtual turret for the pre-sales team.

New York, NY  
2016

### NYC Web Apps - Software Engineer

- Designed and built CRM solutions for small and mid-sized enterprises.
- Engaged directly with customers to understand their business needs and incorporate their feedback into future iterations of products.
- Responsibilities included system design, leading code reviews, managing scrum boards, occasionally participating in pre-sales meetings.

New York, NY  
2017-2019

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## PROJECTS:

- System for facilitating electronic donations for homeless New Yorkers (2021)
- Webex integration for managing virtual class forums (2021)
- Real-time data collection tool for a self-calibrating humidity sensor designed by a JPL physicist (2019)
- Built a model of the Ben-Or consensus algorithm using the TLA+ Toolbox (2019)
- Developed a data collection and aggregation app for political campaigns still used today by a NYC based political consulting firm (2016-2018)
- Web-rtc based peer tutoring platform that was used by >2600 students in NYC. (2016)