

# Yi Wang

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## EDUCATION

**Massachusetts Institute of Technology (MIT)**

*Cambridge, MA*

*Candidate for M.S. in Electrical Engineering and Computer Science*

*May 2021*

*B.S. in Electrical Engineering and Computer Science; GPA: 4.9/5.0*

*May 2020*

## EXPERIENCE

**Goldman Sachs**

*New York, NY*

*Engineering Summer Analyst Intern*

*Summer 2020*

- ❖ Worked with multiple teams to analyze and solve technical issues in transaction banking data platform
- ❖ Developed new checkpoints for improving system observability on cloud
- ❖ Developed new platform features for providing business metrics for leadership team

**Action IQ, Inc**

*New York, NY*

*Forward Deployed Engineer Intern*

*Summer 2019*

- ❖ Deployed new customers and maintain ongoing services for Consumer Data Platform
- ❖ Designed architecture for customer data ingest, materialization, and export
- ❖ Developed pipeline watcher to monitor data chunk progress and improve visibility of the platform

**MIT Sloan Management School, Bitflow Project**

*Cambridge, MA*

*Research Assistant*

*Spring 2019*

- ❖ Modeled the global financial exchange market of cryptocurrency
- ❖ Designed ML classification algorithms for Bitcoin mining transactions
- ❖ Coded classifier programs for 5 largest mining pools with >80% coverage of mined outputs

**MIT Department of Chemical Engineering, Strano Lab**

*Cambridge, MA*

*Undergraduate Researcher*

*Fall 2017- Winter 2019*

- ❖ Developed high-throughput, reproducible 3D tumor tissue models
- ❖ Designed ML image analysis tool for tumor model and sensor data
- ❖ Customized models for 6 different types of nanoscale biosensors, teach graduate students how to use them

## LEADERSHIP

**MIT HKN (national honor society for EECS) senior tutor**

*2019 - present*

**IEEE honors student member**

*2019 - present*

**MIT CSSA Publicity Chair (former Secretary)**

*2019 - present*

**MIT Chamber Music Society senior violinist**

*2017 - 2020*

**MIT Lab Assistant for 6.036 Machine Learning**

*Fall 2019*

**MIT Teaching Assistant for 18.02 Multivariable Calculus**

*Spring 2019*

**Goldman Sachs Engineering Essentials Representative**

*May 2019*

## SKILLS

Languages: English, Chinese, French

Computer: Python, Java, MATLAB, STATA, Arduino