Xida Ren

Software Engineer

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Education

2016-2019	**B.A. Computer Science / Mathematics**, *College of William and Mary*, *3.81*.

Projects

2018-19	**The Liu Lab Neural Network Project**.
	○ Forecast emerging equity market returns with machine learning models
	○ Distributed bayesian hyperparameter optimization on idle student lab computers
	○ MongoDB, Keras, and TensorFlow
2018	**A Java Maze Game**, and its android port.
	for CSCI304: Software Development
2017-'18	**HexLife**, Hexagonal version of Conway's Game of Life.
	PyGames graphics & Port to (Angular JS + HTML5 Canvas)

Work

2019	**Quant Summer Analyst**, Citigroup Global Markets.
	Machine learning and data presentation to support trading decisions in Prime Brokerage; Python, Javascript, React.js
2017-2019	**Data Science Research Assistant**, Liu, Zhenming Lab, William & Mary.
	○ timeseries forecast using machine learning
	○ distributed computing (for hyperparameter search)
	○ Python & BASH scripting
2017	**Math Modeling Lead**, William & Mary iGEM Team.
	○ 2nd place, Best Math Model (ODE), Best Measurement (Markov-chain Montecarlo)
	○ Present results in webpage w/ **Bootstrap** & **JQuery**
2017-2018	**Career Prep Chair**, ACM@WM, (community service).
	○ Planned & executed career outreach events
	○ Held learning sessions for CS concepts

Foregin Languages

Chinese	**Spoken at Home**
Japanese	**JLPT Level N2**

Computer skills

Daily Use	Python, TensorFlow, LaTeX, git, bash, Javascript