Gina Liu

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Seeking a full time position on a team of experienced engineers to build meaningful products and learn about business industry.

Education

University of Maryland
B.S. in Economics
Minor in Technology Entrepreneurship
Gemstone Honors Program
Expected January 2019

Links

github.com/gliuxiao
linkedin.com/in/ginaxliu

Skills

Proficient:
Java, C, Command Line/UNIX, Git, HTML, Chinese

Familiar: Python, C++, Matlab, CSS, Javascript

Active DoD Secret Clearnace

Courses

Object-Oriented Programming I/II
Discrete Structures
Intro to Computer Systems (C)
Introduction to UNIX
Business Statistics
Macroeconomics
Microeconomics
Econometrics I

Extracurriculars

Maryland Club Tennis
Association of Women in Computing
Ladies Storm Hackathons
Terrapin Hackers

EXPERIENCE

Liberty Mutual Insurance *Software Developer Intern*
May 2018 - August 2018 | Dover, NH
- Add REST calls via Flask for automation of existing Python framework
- Create Java ingestion library for Agent Profit Sharing (APS) system
- Groovy and JUnit testing for code quality

Liberty Mutual Insurance *Software Developer Intern*
May 2017 - August 2017 | Seattle, WA
- Develop application in Java for QBE watercraft team
- Create web application (JARVIS) using HTML, Javascript, CSS, Bootstrap and launch using Docker
- Participate in and lead agile meetings and process

Johns Hopkins Applied Physics Laboratory *Software Engineering Intern*
May 2016 - January 2017 | Laurel, MD
- Air and Missile Defense Department
- Convert an application from Java to C++ incorporating the HDF5 library
- Create a Python program to process data from Matlab and output an organized data file

PROJECTS

Bask-LIT-ball | MLH Prime 2016 (Hackathon)
- Best Domain Name, Top 10 Hack out of 100+ submissions
- Designed, built, and test a miniature portable basketball hoop
- Incorporated Arduino, Bose SoundTouch speaker API, and Twitter API

LET'S EAT! | Pearl Hacks 2017
- Created my first website using HTML, CSS, Javascript, Google Maps API
- Gave comical suggestions of locations to eat around College Park, MD

TEAMS

Team Phage *Gemstone Honors Program*
April 2015-May 2018 | College Park, MD
- Interdisciplinary team of 10 undergraduate students
- Developing a bacterial antibiotic immunity by using bacteriophages as an alternative to antibiotic treatment targeting the food-processing industry
- Completed thesis and defended research to panel of experts

ACTIVITIES

Technica *Marketing Team*
Jan 2016-present | College Park, MD
- Develop ways to attract participants through series of social media posts and campaign's for 2nd annual all-ladies hackathon
- Manage social media accounts daily on Facebook and Twitter

University of Maryland Club Tennis *Social Chair, President*
Sept 2014-present | College Park, MD
- Work closely with UMD RecWell and USTA to organize competitive tournaments, charity tournaments, and service projects
- Coordinate social events for active club of over 200+ members
- Manage social media accounts on Facebook, Twitter, and Instagram