Haolin Yang

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EDUCATION

Stevens Institute of Technology, NJ, United State   Aug 2018-Expected May 2020
- Major: Computer Science.   Degree: Master of Science
- GPA: 4.0

Beijing University of Posts Telecommunications, China   Sept 2013-June 2017
- Major: Internet of Things Engineering   Degree: Bachelor of Engineering (June 2017)
- Dual degree: Bachelor of Science (Engineering) with Second Class Honors (Upper Division) awarded by **Queen Mary University of London** (June 2017)

SKILLS

Programming Languages: C++, Erlang, Java, JavaScript, Python, R.

Database: MongoDB, MySQL, Redis.

Web: React.js, Vue.js, Express, GraphQL, AWS, Heroku, GCP.

Others: MacOS, Linux, Git.

PROJECTS

PriCov   Aug 2019 - Oct 2019
- A Front-end web application to visualize real-time products prices data that mining from eBay and Amazon.
- Used d3.js to draw charts to visualize data. Used Python/selenium for data mining.
- Used React.js, GraphQL, FireBase to build front-end application.
- Used AWS Elastic Beanstalk and MongoDB Atlas for deploying application.

Scheduler   Feb 2019 - Jun 2019
- To provide functionality to users to schedule meetings and agree upon a common date or time. A user can create a schedule, and specify the email addresses of group members he or she would like to invite to select a time they are available.
- Used Express and MongoDB.
- Deployed on Google Cloud Platform and connected to MongoDB Atlas

Demo of Search Engine   Nov 2018 - Dec 2018
- Used inverted file data structure and python to implement a search engine.
- Used BeautifulSoup for pulling data from HTML and Used NLTK (Natural Language Toolkit) for parsing language data pulled from Web page.

Virtual Electronic Devices (VHDs) for 8051 Simulators   Jan 2017- June 2017
- Using Java to simulate some VHDs for a few selected peripherals used with 8051 micro-controller systems.
- Summarize an appropriate programming process for developing another new VHD.

Website Design & Development Project   Feb 2014-June 2014
- Designed website for Mock International Conference of BUPT, and took responsible for website maintenance and content updates;
- Used JavaScript, Dreamweaver, Fireworks, and FrontPage.

INTERNSHIP

Beijing ETC-CE Technology Co., Ltd   July 2016 - Sept 2016
- Designed and realized environment monitoring system of intelligent room;
- Learned and operated sensors related to internet of things.

SCHOOL POSITIONS & ACTIVITIES

Stevens Institute of Technology
- Mentor in Graduate student support center helping C++, Java and algorithm.
- Mentor in Master's peer mentor program helping new students to facilitate the transition to graduate life

Beijing University of Posts Telecommunications
- Vice Minister of Propaganda Department, School Student Union
- Team Leader & Chief Editor of Editorial Board of the International College Journal
- Minister of Department of Technology and Science of MIC Organizing Committee