

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
- ❖ Related Course: Adv. Algorithm Dsgn & Implement; Applied Data Struct. & Algor.
- ❖ 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++, JavaScript, Python, Java, R.

Database: MongoDB, MySQL.

Version control: Git.

PROJECTS

Web scheduler application 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

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
- ❖ Volunteer Leader of 2014 & 2015 Global Internet Technology Conference

HONOR

Honorable Mention of the 2016 MCM/ICM

Feb 2016

Honor of Excellent Student Leader

April 2015, April 2014