Chi-Pao Hong

Software Engineer

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Currently completing a master degree at Purdue University in Computer Science. My passion lies in Algorithm design and Network Security, especially in graphs and network attacking and defending. I love traveling, exploring new technology and playing soccer.

Experience

2019-12

Software Engineer (full-time)

Google LLC.

Incoming Software Engineer in Privacy and Security Team

2019-05 - 2019-08

Automotive Software Engineer (summer internship)

Nvidia Corp.

Incoming intern in Automotive System Team.

Offers received: Amazon, Uber

2018-02 - 2018-08

Software Engineer (full-time)

SEA Group Ltd.(Garena)

SEA Groups Ltd. (Garena) is one of the biggest PC/mobile game companies in Asia. It operates games include League of Legends, AOV, Free Fire ... etc.

- Developed backend web server (Python-Django,PHP-Laravel) at millions of users scale
- Designed and created secured database for game promotion events and money transfer between games and legal currency
- Accelerated request per second of a gaming API by 20% (from Laravel to Django)

2016-07 - 2016-09

Software Engineer (summer internship)

Yahoo!

I worked in Electrical Commercial (EC) Team. Our goal was improving the product search procedure.

Designed an algorithm to retrieve keywords of a product, decreased half of steps for consumers to find product

Introduced same product price comparison and organization of product-related unboxing and review

Formulated new UI/UX of Android App, which was adopted in real product

Education

2018-08 - 2019-12

Purdue University, Master degree in Computer Science

Focus area: Machine Learning, Algorithm and Security

2013-09 - 2017-06

National Chiao Tung University, Bachelor degree in Computer Science

- University and CS department ranked top 2 in Taiwan
- Outstanding Freshmen College Entrance Scholarship (for top 1% student only)
- Represented university to compete programming competitions(ACM-ICPC) in 5 different countries
- Grade ranked 3/41 in freshman and sophomore, 6/39 when graduated

2016-01 - 2016-06

Linkoping University, Exchange Program in Computer Science

Sponsored by international student office and computer science department

Awards

2013-09 - 2017-06

ACM-ICPC

The ACM-ICPC is a multi-tier, team-based, largest programming competition. The contest participants come from over 2,000 universities that are spread across 80 countries and six continents.

- Top Ten in 2016 ACM-ICPC Tsukaba Site
- Top Eight in 2015 ACM-ICPC Taipei Site
- Top Seven(Silver Medal) in 2015 ACM-ICPC Phuket Site