



# ZHAOQI "GEORGE" HE

SOFTWARE ENGINEER

## ABOUT

I am a graduating senior seeking a full-time position as a software engineer/developer to design, develop and ship quality code on schedule.

## PROFICIENCIES

- Python
- Java
- C
- C#
- SQL
- Javascript
- HTML
- Haskell

## RELEVANT COURSEWORK

- Object-Oriented Programming
- Advanced Data structures
- Systems Programming
- Design and Analysis of Algorithms
- Software Engineering Practices
- Operating Systems
- Computer Networks
- Compilers

## CONTACT

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## WORK EXPERIENCE

### SOFTWARE DEVELOPMENT ENGINEER INTERN

Amazon, LLC. | June 2017 - Sept 2017

- Full-stack development on Amazon Connect (AWS cloud-based ACD) for a highly demanded feature.
- Worked intensively in a Agile development environment.

### SOFTWARE ENGINEERING INTERN - MOBILSAT TERMINALS

Hughes Network Systems, LLC. | June 2016 - Sept 2016

- Designed and developed C# Windows Forms plotting application.
- Wrote parser to read and save Mobilsat terminal log files with SQLite backend.
- Fully featured plotting features: filtered, with individual series setting selection and faster-than-excel parsing and plotting of data.
- Tool allows user to save and load sessions and serializes to disk using JSON.
- Integrated Charting Tool with existing Field Monitor Tool software to monitor and visualize a rapid, live satellite data stream.

### QUALITY ASSURANCE ENGINEER INTERN

Hughes Network Systems, LLC. | June 2016 - Sept 2016

- Found and fired tickets for bugs in both iOS and Android apps.
- Created framework for automated app testing using Appium and Selenium with Python bindings.
- Submitted in-depth bug/crash reproduction steps.

## EDUCATION

### BACHELOR OF SCIENCE, COMPUTER SCIENCE

University of California, San Diego | 2014 - 2018  
GPA 3.76