

# Ken Deng

## Software Developer

Farmington, CT - Email me on Indeed: [indeed.com/r/Ken-Deng/e3be1bf87979e9c3](https://www.indeed.com/r/Ken-Deng/e3be1bf87979e9c3)

- Computer Science Master degree with more than three years of working experience in academia
- Programming skills in multiple languages
- IT support experience
- Web design and maintenance
- Database design
- Knowledge in biostatistics, cancer biology and genetics
- Excellent team player
- Fluent in English and native in Chinese (Mandarin)

### WORK EXPERIENCE

#### Software Developer

Yale University - August 2016 to January 2017

Conducted scientific research and developed a software package using C++ for survival analysis, mentored by Prof. Jeffrey Townsend in the Department of Biostatistics, School of Public Health at Yale University.

#### System Administrator

University of New Haven - October 2013 to May 2016

Working as a research assistant in Xiao's Group. Services include but not limited to system administration, web design and maintenance, building computer clusters and designing databases.

#### Assistant Electronic Engineer

ShenYang China-Coal Research Institute - ShenYang, CN - August 2009 to September 2013

Developed coal-safety sensors in the Institute of Electronic Technology; Designed printed circuit board (PCB), and performed functional and safety testing of PCB products.

#### IT Support Technician

ShenYang China-Coal Research Institute - February 2012 to May 2012

Maintained IT related services including but not limited to network maintenance, database maintenance, server maintenance and IT equipment purchase.

### EDUCATION

The Hong Kong University of Science and Technology  
May 2017

#### Master of Science in Computer Science

University of New Haven - West Haven, CT  
January 2014 to May 2016

#### Bachelor of Engineering in Engineering

Liaoning Shihua University, Fushun, Liaoning Province - Fushun, CN  
September 2005 to July 2009

## SKILLS

Bootstrap (Less than 1 year), Java (Less than 1 year), Linux (Less than 1 year), system administration (2 years), SYSTEMS ADMINISTRATION (2 years)

## ADDITIONAL INFORMATION

### SKILLS:

- Programming languages: Java, C++, Python, R, Mathematica
- Web: HTML/CSS, JavaScript, Bootstrap, Flask
- Database: SQLite3, Access
- Operating Systems: Windows, Mac OS, and Linux (Ubuntu)
- Software: WinSCP, PuTTY
- Others: System Administration, Troubleshooting