

Kenneth Ford

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EDUCATION

New Jersey Institute of Technology (NJIT) – B.S. Computer Engineering

Graduation: December 2015

GPA: 3.3

EXPERIENCE HIGHLIGHTS

Bachinit:

September 2015 to Present

Lead Front End Developer

- Develop efficient and correct way of structuring Front End Code and Modules.
- Architect AngularJS modules and features to interface with DRF (Django REST Framework).
- Write Unit Tests for all AngularJS components and pages.
- Create Front End pages using HTML5/CSS3 to match designs given from UI/UX Engineer.

United Health Group:

June 2015 to August 2015

Technology Development Program Intern

- Led a team of interns to rebuild an existing application, using Big Data technologies and the Hadoop platform. (Sqoop, Pig, ElasticSearch)
- Wrote Sqoop scripts to collect data from RDB systems, and Pig Scripts to join and format data to be loaded into ElasticSearch.
- Created a Pig User Defined Function in Python to efficiently convert XML to JSON.
- Operated in an Agile (Scrum) development cycle on a team of interns, and was formally trained in this methodology.

NJIT, Office of Strategic Communications:

May 2012 to May 2015

Web Intern, Web Services

- Assisted our main web developer on projects using PHP and JavaScript.
- Developed a story keyword visualization page using PHP, jQuery, AJAX, and SQL queries.
- Helped maintain and update the university website and sub-sites.
- Trained university staff in our current and future content management systems.
- Provided customer support and assistance with computer and system problems.

PROJECTS

Home Automation System:

September 2014 – April 2015

Senior Design Project

- Developed systems to control each specific part of your home. (e.g. temperature, lights)
- Assisted with developing the circuitry for the central system and all modules.
- Developed and create the software side of the entire system to run correctly and efficiently.
- Created & submitted an approved technical detailed proposal for this project.

KEY SKILLS

Relevant Coursework: Advanced Data Structures & Algorithms (In Progress), Programming Language Concepts, Principles of Operating Systems, Intro to Data Structures and Algorithms, Discrete Mathematics, Microprocessors

Knowledge of: Java, PHP, JavaScript, AngularJS, D3.js, jQuery, Python, CSS(3), Bootstrap, HTML(5), SQL, Git, TCP/IP, Assembly Language, Android, Content Management Systems