

Wyatt Newberry

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EDUCATION

UNIVERSITY OF ILLINOIS

Urbana-Champaign, IL

B.S. Computer Engineering | May 2019
Chancellor's Scholar and James Scholar

GPA: 3.84/4.0

RELEVANT EXPERIENCE

State Farm Insurance – Systems Intern

May 2016 – August 2016

- Implemented an Apache Spark scanning solution via Scala on a Hadoop cluster to replace a current Java MapReduce solution.
- Worked with a team creating a proof concept for a large scale parallel Optical Character Recognition (OCR) framework using Apache Spark with Java along with OCR tools such as Tesseract or Tika.
- Presented my projects at a summer intern showcase at corporate headquarters.

Engineering Freshman Council (EFC) – Awards Chair

November 2015 – May 2016

- Worked with an Engineering Council committee on giving an Outstanding Freshman award.
- Worked with the EFC social committee on organizing and planning events for freshman engineering students to make connections with their peers.

Engineering Open House Committee – High School Design Competition Chair

August 2016 - Present

- Organizing a Rube Goldberg Machine contest for high school students.
- Judging these projects and sending one team to the national competition.

Future Business Leaders of America (FBLA) – Chapter Parliamentarian

August 2011 - May 2015

- Four time National Leadership Conference individual event qualifier.
- Organized and ran local chapter meetings.
- Collaborated with local service organizations to perform local community service activities.

FTC Robotics Team – Team Captain and Lead Programmer

September 2013 - March 2015

- Managed a team of twenty students in areas including: fundraising, programming, building, and community outreach.
- Lead designer for software for robot using LabVIEW tools.

Dairy Queen – Cashier and Chef

February 2013 - August 2015

- Interacted with customers, operated cash registers, made ice cream, and prepared food.
- Prepared products under high pressure situations during meal hours and local events.
- Worked with a rotating crew every shift ensuring all responsibilities were upheld.

SKILLS AND COURSEWORK

Programming and Technical Skills

- C, C++, Java, Scala, Python, LabVIEW
- Basics with: Apache Spark, Apache Hadoop, Android Studio

Coursework

- ECE 220 Computer Systems & Programming, CS 225 Data Structures (In Progress)