



EDUCATION

University of Illinois at Urbana-Champaign

August 2015 to May 2019 • 3.93/4.00 GPA

Bachelor of Science in Computer Engineering for the Class of 2019, authorized agent of STEM Beyond, and member of the ECE 120 Course Staff. A+ grades earned in all department (ECE) courses, and a 110% final grade received in Data Systems and Algorithms (CS 225).

Northside College Preparatory High School

September 2011 to June 2015 • 4.00/4.00 GPA

Courses taken include: CS1 (Java & Media Computation), CS2 (Elements of Computer Design), AP Computer Science, AP Language & Composition, AP Government & Politics, AP Physics One, and AP Statistics. A 5.0408 (weighted) GPA was the result of four years at the school.

EXPERIENCE

(LISTED IN CHRONOLOGICAL ORDER)

Sorter and Proctor for ECE 120

Electrical & Computer Engineering Department at UIUC • January 2016 – Present

- ▶ Invited after > 98% grade earned in ECE 120 during Fall Semester 2015.
- ▶ Grading experience was initiated in August 2016 for over 400 students.

Senior Technology Coordinator

Chicago Public Schools • August 2013 – August 2015 (paid end, volunteer to present)

- ▶ Assigned to manage 1200+ students and school faculty.
- ▶ Projects include first Chicago 1-to-1 classroom, Chromebook Mosaic, Tech Crew Maker Space, Tech Crew Web Site, alongside various administrative duties including student/client interaction.

Volunteer Technology Coordinator

Northside Prep HS Technology Department • October 2012 – Present

- ▶ Administration of systems and on-site repair across the school for daily, yet rigorous use.

Volunteer Technology Coordinator

Christian Ebinger Elementary School • November 2010 – June 2011 (+ post-graduation)

- ▶ Performed repairs, updates, etc. during the school day, upon sighting, and also outside of class.
- ▶ Only alumni to consistently participate in maintenance duties of any sort.

Lead Designer, Programmer, Web and Software Developer/Designer

IndigoBox Studios / Self-Employed • 2010 – Present

- ▶ Co-developed a game called *The Speed of Time*, aided development and ideas for edge-detection software (*Lines*), co-writing and styling a virtual assistant named *Minerva* that responds based on past user input and gathered research, co-authoring a social scheduling web client named *Carpe*, and leading development for *Project Snowshoes*, a launcher replacement for Windows Explorer that can manipulate files and processes, read and act based on input, and control user settings.

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ORGANIZATIONS AND VOLUNTEER WORK

STEM Beyond

Authorized Agent • November 2015 – Present (Member to present)

- ▶ Co-founded with a student in freshman year to help students collaborate and pursue research in a unified project, meanwhile guiding students through the process of advancing their projects in STEM.

Tech Squared

President (former: Vice President, Member) • May 2012 – June 2015 (Member to present)

- ▶ I became the first board member, and president, of Tech Squared elected into the club's board.

STEM Committee

Local Member • September 2014 – June 2015

- ▶ Used knowledge of additive and subtractive manufacturing as well as design and maintenance for newly acquired devices to showcase new equipment and interest at the open-door STEM Day.

Chung's Tae Kwon Do and Hap Ki Do Academy

Instructor • December 2012 – Present (Student: July 2003 – Present)

- ▶ Graduated to Fourth Dan Black Belt rank, co-lead Saturday morning classes, instructed family classes, starting as general student at the academy on July 24, 2003.

North Park Village Nature Center

Eagle Scout Project Participant • September 2014

- ▶ Transformed decades-old plots overrun by weeds and wasp nests to butterfly-friendly plant areas.

American Constitutional Law Program

Participant / Student • January 2014 – March 2014

- ▶ Wrote multiple case briefs, analyzed relevant material, formed an appellate brief, and argued for the Town of Greece, New York in the case of *Town of Greece v. Galloway*.

HONORS AND AWARDS

(CHRONOLOGICALLY)

College of Engineering Dean's List

University of Illinois at Urbana-Champaign • June 2016 – Present

AP Scholar with Distinction

Northside College Preparatory High School / CollegeBoard • July 2015

Illinois State Scholar

Northside College Preparatory High School • June 2015

National Spanish Exam Gold Medal Recipient

Northside College Preparatory High School • May 2015

Co-Valedictorian

Christian Ebinger Elementary School • June 2011

American Legion School Award Medal Recipient

The American Legion • June 2011