

EDUCATION

Bachelor of Civil Engineering

New Mexico Institute of Mining and Technology

January 2019 - Present

Overall GPA: 3.85/ 4.00

Relevant Courses:

Minimum Design Loads (Introduction to ASCE 7), Finite Element Analysis, Steel Design, Concrete Design, Foundation Design, Open Channel Hydraulics, Construction Engineering, Engineering Economic Analysis, Infrastructure, Transportation Engineering

Associate of Science, Emphasis in Engineering

Brookhaven Community College

June 2015 - December 2018

Overall GPA: 3.89/ 4.00

EXPERIENCE

Engineering Intern

LJA Engineering

December 2020 - Present

Dallas, TX

- Support a diverse group of Professional Engineers and Project Managers with tasks such as: quantity take offs, pad maps of proposed housing developments, and community facilities agreements (CFA)

Contract Manager

New Mexico Department of Transportation

August 2020 – Present

Socorro, New Mexico

- Review and approval of invoices and reports, drafting and processing amendments, quarterly meeting moderation

Teaching Assistant and Grader- Statics, Structural Analysis, Transportation Engineering January 2020 – December 2020

New Mexico Tech Engineering Science and Civil Engineering Departments

Socorro, New Mexico

Student Assistant

New Mexico Tech Skeen Library

December 2019 - August 2020

Socorro, New Mexico

Department Assistant (seasonal)

Brookhaven College STEM Division Office

May 2019 - August 2019

Farmers Branch, Texas

Dining Room Server and Trainer

Meddlesome Moth

February 2014 - May 2018

Dallas, Texas

- Provided exemplary service to guests in one of Dallas' top restaurants by anticipating and responding to guest needs
- Oversaw training of newly hired servers and bartenders

Biology, Mathematics, Physics, Engineering, and Chemistry Tutor

Brookhaven College

June 2016 - December 2018

Farmers Branch, Texas

- Provided students with guidance for homework, projects, and study strengthening skills in courses including: biology, genetics, microbiology, chemistry I, developmental math, algebra, trigonometry, pre-calculus, calculus I, calculus II, engineering statics, and physics I

Store Manager/ Assistant Store Manager/ Shift Supervisor

Starbucks

March 2010 - May 2013

Dallas, Texas

- Managed Dallas area's tenth highest volume store
- Was responsible for personnel management, interviewing, scheduling, employee reviews, disciplinary action, team building, and training
- Strategized plans to increase store sales and control costs
- Inventory management and monthly review of profit and loss reports
 - Hired as shift supervisor March 2010, promoted to Assistant Manager July 2010
 - Promoted to Store Manager June 2011

ACHIEVEMENTS AND ACTIVITIES

- Member of Tau Beta Pi, Engineering Honor Society (New Mexico Gamma Chapter)
- Member of Phi Theta Kappa, International Honors Society of Two-Year Colleges (Alpha Delta Pi Chapter)
- Secretary of Brookhaven College STEM club during Fall 2017 semester
- ASCE Member (Dallas Chapter: 2017-2019, New Mexico Northern Chapter: 2019-Present)

CONTRIBUTION TO THE COMMUNITY

Volunteer Coordinator

Reach for the Stars, Brookhaven College

September 2016, September 2017
Farmers Branch, Texas

- Provided mentorship within the STEM areas to middle-school aged girls
- Assisted participating professors in lab set up and experimental procedures

BEST Robotics, Texas Instruments & Brookhaven College

September 2017
Farmers Branch, Texas

- Assisted judges and senior coordinators in organization of large, high school robotics competition
- Ushered upcoming teams to competition area

SKILLS

Proficient in Microsoft Office
Some experience with AutoCAD, Bluebeam Revu, SAP2000, and MATLAB
Familiar with STAAD.Pro, RISA 2D, Slide2D, and Settle3D

HOBBIES

Hiking, yoga, distance running, reading, ballet, and traveling

PROFESSIONAL REFERENCES

Dr. Kathryn Wetzel, Executive Dean (retired 12/2019)
Science and Technology Programs
Brookhaven College, Farmers Branch, TX
Phone: (806) 206-1381

Dr. Claudia Wilson, Professor of Engineering
New Mexico Tech, Socorro, NM
Email: claudia.wilson@nmt.edu

Charli Rust, Professor of Engineering
Brookhaven College, Farmers Branch, TX
Email: crust@dcccd.edu

Margaret Hanson, Program Services Specialist
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