

David Neil Ord

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EDUCATION

University of Utah
3.84 GPA
BS Computer Eng. - Dec. 2019,
Minor Physics - Dec. 2019,
Minor Mathematics - Dec. 2019

AWARDS

Presidential Scholarship Recipient
Dean's List
AP Scholar
High Honors

PROJECTS

Graduate level course in patent law & strategy
Research paper on quantum error correction 16-bit CPU on an Altera FPGA
Automated, tracking drone
Simple, IR-based communications using Arduino
Collaborative spreadsheet application in C++/C#
Custom FFmpeg audio codec in ANSI C Linux character driver to add to kernel
Analog filter for custom audio signal

EXPERIENCE

Patent Engineer: May 2021 - April 2022

Mike Frodsham – Workman Nydegger PC

- Draft software patent applications
- Draft Office Action responses for the USPTO

Patent Engineer: Jan. 2020 – May 2021

J. Scott Karren – Holland & Hart LLP

- Drafted patent applications, specifically telecommunications
- Drafted Office Action responses for the USPTO

Patent Researcher: June 2019 – Dec. 2019

Justin J. Cassell – Workman Nydegger

- Conducted patentability, freedom-to-operate, invalidity, and landscape searches
- Drafted search opinions

Research Assistant: Dec. 2016 – Jan. 2020

Clayton Williams – University of Utah Department of Physics and Astronomy

- Developed system for measuring interferometer phase
- Designed PCB for phase demodulation
- Developed data acquisition system

Software Engineering Intern: May 2018 - Aug. 2018

Anoop Prasanna - Walmart GBS Next

- Developed automated process to download financial data and generate a report
- Utilized the Microsoft Excel Interop and IE automation in C#

Software Engineering Intern: May 2017 - Aug. 2017

Tom Christensen – StorageCraft Technology Corporation

- Oversaw the update of the Python cloud API to account for the update of Django and other framework dependencies
- Researched 3rd-party backup file formats for integration into the StorageCraft cloud

Supplemental Instruction Leader: Aug. 2017 – Feb. 2018

Kyle Dawson – University of Utah Department of Physics and Astronomy

- Provided supplemental review and problem-solving practice for students taking introductory classical mechanics

Undergraduate Student Advisory Committee: Aug. 2017 – Dec. 2018

University of Utah Department of Physics and Astronomy

- Contributed to course evaluations, tenure reviews, and other matters related to the undergraduate affairs of the department