

Nicholas Werner

Long Beach CA

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EDUCATION

California State University, Long Beach

Bachelor of Science, Physics

Minors in Computer Science and Applied Math

Long Beach, CA

Dec 2017

EXPERIENCE

Norm Reeves Honda

Sales Consultant

Huntington Beach, CA

Jun 2018–Present

- Investigate customer needs and provide expert advice to match them to the perfect car
- Demonstrate value of Honda vehicles with detailed and effective product presentations
- Negotiate deals to achieve strong unit sales while preserving gross profit for the business

CSU Long Beach

Research Assistant – Computational Physics

Long Beach, CA

Jun 2017 – Aug 2017

- Researched quantum mechanical models of electron energy dynamics in multilayer graphene
- Refactored Python/FORTRAN project (1500 LOC) into object-oriented, multithreaded Python

US Air Force

Geophysical Data Engineer

Cocoa Beach, FL

Dec 2013 – Mar 2015

- Slashed inefficiencies in Windows/Linux data workflow to reduce processing time by 60%
- Created custom data workflow visualization software with Python to facilitate rapid analysis
- Developed Java program to convert geophysical calculation results into XML format
- Wrote training materials and standard operating procedures for brand-new work center
- Drafted 18 technical reports to clearly communicate analysis findings to senior leadership

US Air Force

Geophysical Data Analyst

Cocoa Beach, FL

Mar 2011 – Dec 2013

- Analyzed 7.5k seismic events with 90% accuracy – highest data quality in 30-person shop
- Earned shift leader position in 1 year - 6 months ahead of standard training schedule
- Supervised shifts of up to 6 Airmen – held daily responsibility for data quality and timeliness
- Cross-trained into part-time Satellite Data Analysis, alleviating chronic personnel shortage

SKILLS

- Previously held Top Secret/SCI security clearance (active from 2011 to 2015)
- Python – data science (Pandas), data visualization (Matplotlib), scientific computing (NumPy)
- Java – object-oriented design, MVC design, GUI software design, XML manipulation
- Linux/Bash – command line, scripting, file handling, automation, data flow
- Technical writing – drafting standard operating procedures, scientific analysis reports

ACHIEVEMENTS

- Air Force Commendation Medal
- Top Graduate – Air Force Tech School, San Angelo TX
- Student Leader (Red Rope) – Air Force Tech School, San Angelo TX