

Nicholas Purkey

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Education

Perry Hall High School, Perry Hall, MD

High School Diploma, May 2012

- Treasurer of National Art Honor Society, 2012 (Member 2009-2012)
- Member of Wind Ensemble, Member of Pit Orchestra (2009-2012)
- AP Physics and Calculus

Goucher College, Towson, MD

Bachelor of Arts in Physics, May 2016

- Completed all tracks within major: Pre-Engineering, Astrophysics, Traditional
- Mathematics Minor

Work Experience

EBA Engineering, Inc., Baltimore, MD

Construction Materials Testing Lab Intern, January 2016

- Create billing database using Microsoft Access, including test input forms and billing summaries.
- Perform materials tests according to AASHTO/ASTM Standards, dependent on project.
- Develop relational database skills and learn basic soil testing methods.

Captain Trey's Crabs and Seafood, Cockeysville, MD

Prep Cook/ Crabs, May 2013 - Present (Employed)

- Prepare daily food items, such as crabcakes, salads, fish, or crabs using proper safety precautions and sanitary measures. Prepare food according to recipes or personal judgment and experience.
- Ensure freshness of food and ingredients by checking for quality, keeping track of old and new items, and rotating stock.
- Request and record customer orders, compute their bills using POS terminal, and accept payments and make appropriate change.
- Communicate with customers regarding orders, comments, and complaints.
- Experience in all areas of restaurant (kitchen, front of store, crabs).

CVS/pharmacy, Fallston, MD

Clerk/ Cashier August 2012 - May 2013

- Greet customers, stock shelves, and mark prices on shelves and items.
- Receive payment by cash, check, credit cards, vouchers, or automatic debits.
- Assist in providing on-the-job training for other cashiers.

Volunteer Experience

- Pine Hill Park, Rutland, Vermont. June 2011. Created switchbacks on Shimmer Trail.
- New Orleans, Louisiana. June 2009. Leadership retreat/ volunteer work in local community.

Additional Skills

- Proficiency in all current operating systems, including Windows 7+, Mac OSX+, Linux (Ubuntu 14+, Mint)
- Scientific Computation: Proficiency using Wolfram's Mathematica (8+), Mathworks' MATLAB (R2012b+) & licenses maintained in both
- Computer Programming: Experience in Java/Javascript, Wolfram (M), MATLAB, Arduino; Some experience in Python

