

Cole Tomlinson

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ADDRESS

SCHOOL

Box 4116
4 Farrington Square
Bethlehem, PA 18015

HOME

7098 Ferry Road
New Hope, PA 18938

EDUCATION

LEHIGH UNIVERSITY

BS IN COMPUTER SCIENCE

Expected May 2018 | Bethlehem, PA

Minor in Materials Science, Philosophy
College of Engineering

Cum. GPA: 3.6 / 4.0

Dean's List Fall '16 & '17, Spring '16

CENTRAL BUCKS HS EAST

Grad. June 2014 | Doylestown, PA

Cum Laude

PROFILES

Github://cmt218

LinkedIn://ctomlinson631

SKILLS

PROGRAMMING

Proficient:

Java
C++
Haskell

Familiar:

HTML
JavaScript
CSS
Assembly
C
R

TOOLS

Linux
Git
SolidWorks

WORK EXPERIENCE

GLOBAL TUNGSTEN & POWDERS CORP. | RESEARCH INTERN

Summer 2016 | Towanda, PA

- Worked in R&D department conducting milling, carburization, and processing of tungsten carbide.
- Experimentally altered tungsten carbide properties for production research.
- Prepared, logged, and distributed samples to on location use test labs.

LEHIGH UNIVERSITY | SCANNING ELECTRON MICROSCOPE TECHNICIAN

Jan 2016 - Present | Bethlehem, PA

- Regularly operated the undergraduate SEM, prepared samples, and maintained labs as the materials science department work study student.
- Helped department by authoring equipment use manuals and implemented a centralized incremental backup system for user data.
- Assisted students in capturing high resolution SEM images as well as conducting EDS analysis.

CAFFE GALLERIA | FOOD RUNNER & BUSSER

Nov 2013 - Aug 2015 | Lambertville, NJ

- Worked with kitchen and front end in order to deliver meals from kitchen to table and complete customer requests.
- Prepared dining areas for large parties and events.

PROJECTS

MICRO C COMPILER

Created a C compiler in C++ capable of handling if statements, while loops, multiple functions, and variable scoping among other things. Components include a tokenizer, lexer, and parser totalling 1500 lines.

PRIVATE INVESTIGATOR | CONTRIBUTOR

Chrome extension using FullContact's person API and AngularJS to return username, profile picture, and link to social media accounts associated with a provided email address.

ACTIVITIES

ROSSIN JUNIOR FELLOW | LEHIGH UNIVERSITY

Apr 2016 - Present

- Academically prestigious engineering peer mentor group.
- Organize and carry out department tours for prospective students.
- Advise and assist incoming freshmen with course selection.

PHI KAPPA THETA FRATERNITY | LEHIGH UNIVERSITY

Mar 2015 - Present

- House treasurer, steward, and social chair.
- Created, maintained, and enforced house duties schedule and budget.
- Organized and headed family weekend events.

ORPHANAGE VOLUNTEER | SANTO DOMINGO, DOMINICAN REPUBLIC

Mar 2016

- Participated in week long philanthropy trip to Santo Domingo.
- Repaired and repainted facility walls, enclosures, and surrounding fence.
- Spent time interacting with orphanage residents and staff.