

EDUCATION

Virginia Commonwealth University
Pursuing Computer Science B.S.
GPA: 3.96

Projected Graduation: May 2023

Hidden Valley High School
Advanced Studies Diploma, Valedictorian

Degree Awarded: May 2019

SKILLS

- Oral fluency in Chaozhou (Chinese)
- Proficiency in Linux
- Proficiency in Python
- Proficiency in Java
- Proficiency in Bash

PROFESSIONAL EXPERIENCE

VCU Center for Biomarker Research and Precision Medicine
Lab Technician

Richmond, VA
August 2019 – Present

- Conducted epigenetic research and methylome wide association studies, utilizing neonatal blood spots & postmortem brain samples
- Performed PCR, gel electrophoresis, primer design, bisulfite sequencing, neuroglial nuclei isolation
- Operated analytical equipment: Qubit, NanoDrop, NextSeq 500, Countess II FL, Agilent 2100 Bioanalyzer, Pyromark Q96
- Sterilized equipment: autoclave & UV crosslinker
- Maintained the lab's inventory, processed equipment, and fulfilled supplies orders

Peters Creek Orthodontic Laboratory
Technician Assistant

Roanoke, VA
January 2014 – 2019

- Sterilized impression trays through removal of alginates and usage of bacteriostatic compound
- Supervised quality control and refined imperfect plaster impressions
- Assisted in creating retainers, utilizing sanding machines and dental instruments
- Maintained the lab's inventory, processing equipment, and fulfilled supplies orders
- Managed paperwork and documents, invoicing clinics, and scheduling appointments

