Website

I am a graduate student at the University of Virginia studying Electrical Engineering. I received my B.S. in Physics from the University of Pittsburgh. I used to be a semiconductor guy, but solid-state physics went to the backburner after I discovered microfluidics in graduate school! I have since switched to researching novel microfluidic devices. If you’re interested in my research, please check out the RESEARCH tab. Outside of science, I like working out, playing video games, and just enjoying the outdoors. I cannot conclude a about me without talking about my faith the life Christ have blessed me with. I currently serve with the Chinese Christian Student Fellowship at UVA and the youth group at Grace Faith Chinese Church. Studying, working, and having fun is good, but “Those who honor me I will honor.”

2018 was a big year for me. I was fortunate to work as a research assistant at CEA, Grenoble France! The research focused on Silicon Germanium Heterostructure Junctions and the results were publish in Nano Letters. But the best part of that summer were the mountains in Grenoble.

Collected samples

Collection Channels

COMSOL

First DEP

RBC DEP

COC

Graduate

Silicon Germanium

Bismuth Antimonide