

# Aysanew Abate

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## EDUCATION

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**University of Maryland, College Park, MD**

**May 2017**

*Bachelor in Science, Chemistry*

## SKILLS

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**Fabrication Clean Lab Machine Experience:** Angstrom Ebeam Evaporator, Oxford PECVD, Oxford Fluorine and Chlorine Etcher, MJB-3 Karl Suss Mask Aligner, EVG 620 Mask Aligner, Branson Barrel Resist Stripper, and RTA-610 (Rapid Thermal Annealer)

**Analytical Chemistry Experience:** High Performance Liquid Chromatography, Gas Chromatography, Mass Spectroscopy, UV-Vis Spectroscopy, Fluorescence Spectroscopy, Atomic Absorption Spectroscopy, Capillary Electrophoresis

**Computer Programs:** KLayout, GNU Octave, and Microsoft Office (Word, Excel, and PowerPoint)

**Code:** Basic HTML, CSS, and JavaScript

## WORK EXPERIENCE

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**Process Chemist**

**May 2017 – Current**

*CoolCAD Electronics, LLC, College Park, MD*

- Fabricated and tested various silicon carbide based microelectronics
- Analyzed data and reported on key results in weekly meetings
- Assisted in the designing of device photomasks needed for fabrication

**Treasurer**

**February 2016 – May 2017**

*Horticulture Club at the University of Maryland, College Park, MD*

- Created and managed the club's bank account
- Drafted monthly budget proposals on behalf of the organization to the University
- Responsible for setting up plant sales and fundraisers

**Delivery Driver**

**May 2015 – February 2017**

*Zoomer, College Park, MD*

- Delivered food for various restaurants in College Park, Beltsville, and Hyattsville that were partnered with Zoomer
- Would relay customer complaints regarding their food orders back to the various restaurants
- Was identified by managers as being one of the top-tier delivery drivers in the company