

# Dillon Monroe Cutaia

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Blacksburg, VA 24060

(Mailing)

4328 Rolling Brook Way

Ellicott City, MD 21043

(Permanent)

## Education

**Virginia Polytechnic Institute & State University**

May 2020

Blacksburg, Virginia

*Bachelor of Science in Engineering*

Major: **Computer Science** Minor: **Philosophy, Mathematics**

**GPA: 3.8/4.0**

## Experience

**Redshift Education Inc. – Chief Technology Officer**

Education Technology Startup

May 2018 – Present

*CTO, Lead VR software developer*

**Northrop Grumman Corporation – Technical Intern**

Mission Systems

May 2017 – August 2017

*Software development for Project Hammerhead, under iSpace Effort*

**Multiple Virtual Reality Studies – Co-Investigator**

COGNitive Engineering for Novel Technologies Lab

August 2017 – Present

*Undergrad. research, VR software development, experiment design*

**VT University Libraries – Software Developer**

Digital Humanities – CISpy, SG-VR: Lead Developer

February 2018 – Present

*End-to-end virtual and augmented reality application development*

## Roles & Organizations

**Presidential Innovation Scholar (iScholars)**

▲ Advisory Board Member

▲ Proficiency in business professionalism

**VT ACM ICPC Programming Team**

▲ Programming, algorithms, teamwork

**TeCanal – 501(c) Non-profit Organization**

▲ Senior Advisor & Past Executive Officer

▲ [TeCanal.org](http://TeCanal.org)

**RedShift Education Inc. (startup)**

▲ Lead Virtual Reality Developer

## Relevant Coursework

**Technical & Computer Science:**

▲ Software Design and Data Structures

▲ Creative Coding

▲ Computer Organization

▲ Project Lead the Way (PLTW) Career Academy

**Philosophy & Mathematics:**

▲ Philosophy of Technology

▲ Language and Logic

▲ Knowledge and Reality

▲ Discrete Mathematics

## Skills, Certifications & Honors

**Skills:** Unity3D, end-to-end app development, agile & embedded software development, virtual & augmented environment development, Blender

**Languages:** C#, Java, C, C++, Python, Processing, HTML, CSS, JavaScript

**Certifications:** The Startupland Experience, Google Analytics

**Honors:** Computer Science Resources Consortium (CSRC) Scholarship, Provost Achievement Scholarship, Deans List with Distinction

## Reference

**Christopher Miller** (Manager)

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