

Dillon Monroe Cutaiar

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403 New Kent Road
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Ellicott City, MD 21043
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Education

Virginia Polytechnic Institute & State University

Blacksburg, Virginia

Bachelor of Science in Engineering

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

May 2020

GPA: 3.74/4.0

Experience

Redshift Education Inc. – Chief Technology Officer

Education Technology Startup

May 2018 – Present

CTO, Lead VR software developer

VT University Libraries – Software Developer

Lead developer on multiple digital humanities projects

February 2018 – Present

End-to-end virtual and augmented reality application development

Multiple Virtual Reality Studies – Co-Investigator

COGNitive Engineering for Novel Technologies Lab

August 2017 – Present

Undergrad. research, VR software development, experiment design

Northrop Grumman Corporation – Technical Intern

Mission Systems

May 2017 – August 2017

Software development for Project Hammerhead, under iSpace Effort

Roles & Organizations

Presidential Innovation Scholars (iScholars)

- ▲ Advisory Board Member
- ▲ Proficiency in business professionalism

TeCanal – 501(c) Non-profit Organization

- ▲ Senior Advisor & Past Executive Officer
- ▲ TeCanal.org

VT ACM ICPC Programming Team

- ▲ Programming, algorithms, cooperation

PLTW Product Design Team

- ▲ User interviews and product design

Notable Coursework

Technical & Computer Science:

- ▲ Software Design, Data Structures, Algorithms
- ▲ Creative Coding
- ▲ Computer Organization I & II
- ▲ Project Lead the Way (PLTW) Career Academy

Philosophy & Mathematics:

- ▲ Philosophy of Technology
- ▲ Language and Logic
- ▲ Knowledge and Reality
- ▲ Ancient Philosophy
- ▲ Discrete Mathematics & Combinatorics

Skills, Certifications & Honors

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

Languages: C#, Java, 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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