Dillon Monroe Cutaiar

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(Mailing)

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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

Sierra Nevada Corporation – Technical Intern
Multi Agency Collaboration Environment
January 2018 – Present
Broad software development, modeling, and computer vision

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 – Student Developer
Digital Humanities – CISpy Lead Developer
February 2018 – Present
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

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 Mathematic

Skills, Certifications & Honors

Skills: Agile & Embedded Software Development, Virtual & Augmented Environment Development, Unity, Blender

Languages: Java, C, 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 Bachman (Manager)   **Phone:** (410) 765-2860   **Email:** Christopher.bachman@ngc.com