

# Nicholas Corrente

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## EDUCATION DARTMOUTH DUAL DEGREE ENGINEERING PROGRAM

June 2020 **THAYER SCHOOL OF ENGINEERING AT DARTMOUTH COLLEGE** Hanover, NH  
Bachelor of Engineering in Computer Engineering  
Engineering GPA 4.0/4.0 - Cumulative GPA 3.78/4.0

May 2019 **POMONA COLLEGE** Claremont, CA  
Bachelor of Arts in Computer Science  
Computer Science GPA 3.84/4.0 - Cumulative GPA 3.71/4.0

### RELEVANT COURSEWORK:

Data Structures and Algorithms, Fundamentals of Computer Science, Digital Electronics, Object Oriented Programming, Systems, Distributed Systems and Fields, Discrete and Stochastic Systems, Discrete Mathematics, Multivariable Calculus, Linear Algebra

June 2015 **MOSES BROWN SCHOOL** Providence, RI  
United States Presidential Scholar Semi Finalist  
ACT Composite: 35

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## SELECTED PROJECTS

Present **WEEKEND REPORT** Hanover, NH  
*iOS App ~ Coming Soon*  
• Currently designing and developing an innovative weekend tracking app written in Swift

September 2017 **COLECORRENTE.COM** Providence, RI  
*Personal Website*  
• Designed and developed personal website using HTML, CSS, and JavaScript

August 2017 **LED MUSIC VISUALIZER** Hanover, NH  
*Thayer School of Engineering – Digital Electronics (CS 56 – group of 2)*  
• Designed and developed a digital music visualizer using LEDs  
• Implemented the design of digital high, mid, and low frequency filters for an analog audio input  
• Programmed the design in VHDL and synthesized onto an FPGA which powered LEDs on a breadboard

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## SELECTED EXPERIENCE

Summer 2016 **GILBANE BUILDING COMPANY** Boston, MA  
*Virtual Design Construction Intern*  
• Designed and developed the Gilbane platform for the Microsoft HoloLens using Unity and C#  
• Presented my work during the on-site press release with MIT Tech Review  
▪ <https://www.technologyreview.com/s/602124/augmented-reality-could-speed-up-construction-projects>

2010-2017 **COLEINONE** Providence, RI  
*CEO and Founder*  
• Produced promotional videos and websites for local and global businesses including but not limited to SquadLocker, City Girl Cupcake, Machine Hero, Metacomet Country Club, and Moses Brown School

2013-2015 **MACHINE HERO** Pawtucket, RI  
*Videographer and Editing Intern*  
• Edited promotional videos for Reebok and Roger Williams University School of Law

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## SKILLS

**PROGRAMING LANGUAGES:** Java, Swift and iOS, VHDL, SML, C, Matlab, Python, HTML, CSS  
**VIDEO EDITING AND GRAPHICS:** Adobe Premier Pro, After Effects, Photoshop, and Lightroom  
**CAD AND 3D DESIGN:** Autodesk's 3Ds Max and Revit  
**INTERESTS:** Golf, video editing, snowboarding, guitar, music