

# Vincent Spitale

vincentspitale.com

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## Education

Marine Academy of Technology and Environmental Science (2015-2019)  
Northeastern University (2019-present)

Manahawkin, New Jersey 08050  
Boston, Massachusetts 02115

## Personal Attributes and Certifications

- ❖ **Passionate** iOS software developer that is proficient in Swift, Java, Python, and R
- ❖ Proficient at data analysis, graphical visualization, and statistical modelling using Python and R
- ❖ Advanced knowledge of Xcode, PyCharm, Adobe Photoshop, Adobe Illustrator, and Adobe Premiere Pro
- ❖ Competent graphic design and user experience design hobbyist
- ❖ Performs well in a team environment as demonstrated at Island Beach State Park
- ❖ Holds a New Jersey Boating License
- ❖ Adult First Aid/CPR/AED certified by the American Red Cross

## Projects

<i>Inventory (in progress)</i>	Apple Xcode	2018-present
❖ Developing an iOS app that tracks the location of items in augmented reality		
<i>Milky Way Positional Analysis</i>	PyCharm	2019
❖ Used python to visualize and model the distribution of star systems in the Milky Way. Includes 3D rendered graphics and an interactive augmented reality model based off of open-source data from NASA using Apple's ARKit 2		

## Leadership Experiences

<i>Island Beach State Park Teen Naturalist: (120+ hours)</i>	Island Beach State Park, New Jersey
❖ <b>Guides</b> kayak tours and tours of the Nature Center	
❖ Cares for on-site diamondback terrapins and other native animals	
❖ Provides information about the state park to callers and visitors	
❖ Paints murals near tourist attractions	
<i>MATES Project Terrapin Care Tank Leader: (135+ hours)</i>	Manahawkin, New Jersey
❖ Organization tasked with protecting the northern diamondback terrapin and its habitat	
❖ Leader of group terrapin tank	
❖ <b>Directs</b> tank members, assigned roles, and schedules tank maintenance	
❖ Feeds diamondback terrapins, cleans tanks and filters, and maintains water salinity	

## Recognitions and Awards

<i>Maintained MATES Honor Roll Every Semester</i>	Manahawkin, New Jersey	2015-2019
<i>Terrapin Care Award</i>	Manahawkin, New Jersey	2015-2019
<i>Northeastern Dean's Scholarship</i>	Boston, Massachusetts	2019

## Interests

<i>MATES Genders and Sexualities Alliance: (12+ hours)</i>	Manahawkin, New Jersey	2015-present
❖ <b>Designs</b> promotional material to increase public awareness of the LGBTQ community		
❖ Created products for fundraisers that benefitted local charities		
<i>MATES Math League: (30+ hours)</i>	Manahawkin, New Jersey	2018-present
❖ <b>Competes</b> monthly with local schools to demonstrate MATES' advanced mathematics skills		
<i>MATES Robotics Club: (40+ hours)</i>	Manahawkin, New Jersey	2018-present
❖ <b>Develops</b> and implemented the code for the MATES Robotics team robot using knowledge of the Java programming language		