

# Corey Wilkinson

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## OBJECTIVE

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Environmental Science Internship involving Environmental Quality and/or Geographic Information Systems. Offering experience with Arc GIS, SAS Enterprise, Microsoft Excel, and have a strong interest in chemistry, the environment, and geographic information systems.

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## EDUCATION AND CERTIFICATIONS

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**BS in Environmental Science** | Stockton University, Galloway NJ May 2019  
Concentration: Environmental Quality GPA: 3.68

**Marine Academy of Science and Technology (M.A.S.T.)** | Sandy Hook, NJ June 2015

**AutoCAD Course** 2012-2013

**The National Society of Leadership and Success** 2018

**Boating Safety Certificate** | Marine Service Bureau, New Jersey State Police April 2013

**Significant Courses:** Chemistry 1 | general principles with lab ▪ Physical geography with lab ▪ Calculus 1  
▪ Biodiversity and evolution with lab ▪ Physical geology with lab ▪ Chemistry 2 | organic structure with lab  
▪ Ecological principles with lab ▪ Introduction to statistics and computers with lab ▪ Soil science with lab  
▪ Remediation and biotechnology ▪ Environmental pollution and regulation ▪ Geographic information systems  
▪ Advanced geographic information systems ▪ Groundwater hydrology ▪ Geodatabase Design

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## RELATED EXPERIENCE

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**North-central Appalachian Mountains** | Physical geology | Stockton University Spring 2016

- Research and analyze geological history of North-central Appalachian Mountains
- Conduct field observations, compile into poster, and present to peers and professors

**BTEX and Gasoline Compounds** | Remediation and biotechnology | Stockton University Spring 2017

- Reviewed and proposed the bioremediation of BTEX and other gasoline compounds
- Reviewed and proposed the phytoremediation of BTEX and other gasoline compounds
- Determined and presented the effective soil conditions for appropriate for remediation

**Redox Reactions in Soil and How Time Affects Them** | Soil science | Stockton University Spring 2017

- Examined 7 flasks for evidence of redox reactions
- Recorded the changes in  $E_H$ ,  $H_2S$  gas, FeS precipitation,  $NO_3^-$ ,  $Fe^{2+}$ , and  $Mn^{2+}$
- Analyzed the changes in  $E_H$ ,  $H_2S$  gas, FeS precipitation,  $NO_3^-$ ,  $Fe^{2+}$ , and  $Mn^{2+}$

**Campus RainWorks Challenge** | Environmental pollution and regulation | Stockton University Fall 2017

- Devised a plan using green infrastructure to reduce the amount of pollutants entering stormwater
- Budget for asphalt removal and installation of 6,400 ft<sup>2</sup> of Pannicum grass in Stockton parking lots
- Developed plan for installation of monitoring system for pollutants in stormwater

**Crime Rate Study for New Jersey** | Geographic information systems | Stockton University Fall 2017

- Study examining the crime rates from 1980, 1990, 1995
- Examined crime rates for three separate years by municipalities in New Jersey
- Analyze the correlation between population density and crime rates over the years

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## **WORK EXPERIENCE**

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**Assistant Mason** | Rescorl Masonry, Middletown, NJ

May 2016 - February 2018

- Gained valuable life skills and knowledge
- Good with hands on activities, hardworking, physically capable
- Sharp mental mathematics and problem solving skills
- Ability to retain and follow extensive orders and instructions

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## **Professional Development/ Internship Training**

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**NJDMAVA Remediation Intern** | Lawrenceville, NJ | Stockton University

April 2018 - May 2019

- Rare Species Report
- Air Emissions Report
- ODC Surveys
- Map Geo-Referencing
- Water Sampling | Lead and Copper Action Level Testing
- ECOP Inspection Cape May
- ECOP Inspection Princeton
- New Jersey Licensed Site Remediation Professionals Association | August 22, 2018
- Spill Prevention and Contingency Plan Training | New Jersey Army National Guard |  
Cape May, NJ | July 2018
- Asbestos Awareness Training | National Guard Training Center | Sea Girt, NJ | May, 2018
- Meeting in Sea Girt- Winning Bid for upcoming Rare Species Project | Brinkerhoff Environmental  
Services, Owen, Little, and Associates, Conserve Wildlife Foundation | October 2, 2018
- Environmental Boot Camp | National Guard Training Center | Sea Girt, NJ | October 23, 2018
- NJDMAVA Internship Lecture | Stockton University | November 19, 2018 | Brinkerhoff  
representatives and EMB of the NJDMAVA in attendance
- Experience beyond the classroom with ArcMap and other GIS programs as well as the opportunity to  
teach others how to create, develop, and analyze data utilizing these programs