

**Joseph Pulkowski**  
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### **Education**

Rutgers University, School of Engineering/School of Environmental and Biological Sciences  
B.S. Bioenvironmental Engineering, 5-year dual degree program - May 2017

Raritan Valley Community College  
Associate of Science - May 2015

### **Relevant Courses**

Intro to Computers for Engineers	Biological Principles of Environment
Differential Equations	Chemical Principles of Environment
Organic Chemistry 1 & 2	Physical Principles of Environment
Design in Solid Waste Treatment Systems	Environmental Fate and Transport
Unit Processes Environmental Engineering	Engineering Graphics
Soil Mechanics	Hydraulic & Environmental Engineering

### **Work Experience**

**Rutgers Cooperative Extension, Water Resources Program, New Brunswick, NJ**

*Engineer Intern*, June 2017 - September 2017

- Performed desktop analysis using ArcGIS and NRCS Web soil survey to identify potential sites for green infrastructure retrofits
- Prepared preliminary designs of green infrastructure practices for climate resilience
- Performed engineering calculations of green infrastructure practices using HydroCAD to size systems and determine volume of water captured
- Prepared engineering design drawings in AutoCAD of green infrastructure projects
- Prepared impervious cover reduction action plans
- Conducted water quality sampling and flow monitoring

**ShopRite, Flemington, NJ**

*Service Clerk*, June 2007-August 2009

- Performed floor maintenance of which required heavy lifting.
- Provided customer service to shoppers and assisted with heavy labor

**Delaware Township Athletic Association, Sergeantsville, NJ**

*Soccer Referee*, September 2004-June 2006

- Ensured regulations were adhered to and facilitated safe and fair games
- Maintained quality of soccer field linings

### **Extra Curricular Activities**

- Held a moderator position for Smogon University's Video Game Championship forums, one of the largest competitive video game websites to date
- Volunteered at Somerset Regional Animal Shelter assisting in care taking of resident animals

### **Skills**

EPANET	AutoCAD
MATLAB	HydroCAD
ArcGIS	