

Robed Beauville

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LINKS

[linkedin.com/in/robed-beauvil](https://www.linkedin.com/in/robed-beauvil), github.com/beauvileroled, robedbeauville.com/portfolio

EMPLOYMENT HISTORY

Aug 2018 — Present	Teaching Fellow/Teaching Assistant , University of Pittsburgh <ul style="list-style-type: none">Teaching experience in Calculus 1-3, Theoretical Math, and Applied Discrete Math.Launched a web app using machine learning/deep learning algorithms for calculus students. GithubUsing Excel, a data analysis tool, collaborated with faculty to manage a portfolio of over 250 students.Delivered two seminars on learning SQL and creating a relational database. Github	Pittsburgh, PA
Dec 2020 — Apr 2021	Backend Software Engineer Intern, Cydoc, LLC <ul style="list-style-type: none">Worked on an application for taking notes based on artificial intelligence that helps doctors and patients communicate more effectively.Developed database schema and REST APIs using Python, Amazon Web Services' Lambda, API Gateway, and DynamoDB.	Durham, NC
Aug 2020 — Oct 2021	Junior Frontend Javascript Developer, BlueToad Inc. <ul style="list-style-type: none">Coded JavaScript (ES6) in HTML5-based templates and tested for cross-browser compatibility.	Orlando, FL

EDUCATION

Aug 2017 — Apr 2023	PhD in Mathematics, University of Pittsburgh Area of Interest: Fixed Point Theory & Local Optimization	Pittsburgh, PA
Oct 2021 — Jan 2022	Machine Learning Engineer Nano-degree, Udacity <ul style="list-style-type: none">Deployed machine learning models based on cleaned datasets to an API endpoint and integrated them into a workflow.Developed deep neural networks for computer vision and natural language processing.Operationalized machine learning pipelines to enable training and deployment on industry-wide problems.Provided a solution to a machine learning final challenge.	
Aug 2017 — Dec 2019	Master's in Applied Mathematics, University of Pittsburgh GPA: 3.84/4.00 Courses: Advanced Methods In Scientific Computing, Combinatorics, Mathematics Of Finance, Methods In Applied Mathematics, Ordinary Differential Equations, Matrices, And Linear Operators	Pittsburgh, PA
Aug 2014 — Jun 2017	Bachelor's in Mathematics, Florida State University GPA: 3.90/4.00 Courses: Mathematical Statistics, Probability Activities and societies: Pi Mu Epsilon, C.Y.P.H.E.R. Hip Hop dance crew, Philosophy club, Treasurer for Southern Scholarship Foundation Rotary House	Tallahassee, FL

PROJECT

Jan 2022	Starbucks Rewards: Predicting Consumer Responses Optimized promotion targeting for Starbucks' simulated data. Github
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SKILLS

- Programming: Python (pandas, numpy, scipy, sci-kit learn, keras, nltk), JavaScript (node.js, react.js, jquery, eslint), C++, and Matlab
- Machine Learning: Linear and Logistic Regression, decision trees, random forest, and neural networks
- Data visualization: matplotlib, seaborn, and Excel
- Tools: Linux, git, Jupyter, latex, and markdown