

Adam Rahman

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EDUCATION

2016–2019	Wesleyan University <i>B.A. Computer Science, Theater; 3.5/4.0</i> Patricelli Center Fellow; Deans' List
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EXPERIENCE

DEC '18 — FEB '19	UNICEF Visiting Software Engineer New York, NY <ul style="list-style-type: none">Implemented high-performance utilities for UNICEF's open-source MagicBox platform to retrieve road networks for countries and compute distances between large geospatial datasetsCollaborated with UNICEF Innovation's development and data science teams via a Scrum frameworkDeployed a Docker container bundled with geospatial analysis tools for MagicBox developers and data scientists
JUN '18 — AUG '18	Kurani Architecture Firm Software Engineering Intern New York, NY <ul style="list-style-type: none">Prototyped IoT and AI integration in classrooms by designing dashboards to serve Raspberry Pi sensor data and IBM Watson Machine Learning APIs

PROJECTS

JUN '19	RESP - Psychological First-Aid for Natural Disasters Backend Engineer <ul style="list-style-type: none">Designed a RESTful API in Django to serve a lightweight database and sentiment analysis output to a React appWinner of the IBM Call for Code Challenge at AngelHack Manhattan
Nov '17	Carceral Contagion - Agent-Based Simulation of Mass Incarceration Data Engineer <ul style="list-style-type: none">Developed a simulation of racial disparities in prison sentencing in Python with the Mesa library, incorporating adjustable race and population size parametersWinner of the Social Good & 2nd Place Crowd Favorite awards at Wellesley Hacks

SKILLS

LANGUAGES	Python, Javascript, Java, Haskell
BACKEND	Django, Flask, MongoDB, PostgreSQL
FRONTEND	Vue, HTML, CSS
CLOUD	Google Cloud Platform (GCP), Amazon Web Services (AWS), IBM Cloud
MISC.	Docker, Git, Bash, LaTeX, Heroku, Scrum/Agile