## Revanth Korrapolu

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#### Education

#### Rutgers University, Honors College

Majors: Computer Science, Cognitive Science

#### Relevant Coursework:

AI, ML, NLP, Algorithms, Databases, OS,
 Quantum Computing, Calculus, Statistics I+II

#### Accolades:

• Rutger's Presidential Scholarship (Top 2%)

Class of 2020

Minors: Math, Statistics

• Dean's List, Aresty Research Fellowship

## Work Experience

#### Amazon SDE | Aug '20 - Present

- Spearheaded rearchitecture of **Amazon Translate**'s ML model hosting to **reduce costs by 25%**. Devised rerouting logic for single model to multimodal per-host migration.
- Redesigned internal translation website using Node.js, Material UI design standards, AWS CDK
- Engaged in various MLOps improvments including interpretability of ML model's quality reports and accelerate model release pipeline

#### The Knight Market - Android engineer | March '17 - Dec '17

- Helped develop an marketplace application (similar to eBay) from scratch as a founding member of team.
- Developed views for login via OAuth, user profiles, newsfeed and messaging.
- Utilized Stripe payments API to execute payment transactions.

#### Technical Skills

Languages: Java, Python, C, R Tools: Git, SQL/NoSql, Unit Testing, Android, AWS Services

## Projects

## Safepath | ArcGIS Android app

#### Won ESRI prize out of 100+ teams

- Employed ESRI mapping API to create an app that help refugees avoid war zones
- TechCrunch Disrupt NY Winner

# Alexa Waiter | Amazon Alexa skill Won Capital One prize out of 600 participants

- Utilized AWS Lambda function and IBM Bluemix Node Red framework
- Constructed a platform for restaurants that takes orders and automates transactions
- HackPrinceton Winner

### Activities

### Disrupt HC | Founder + President

- Initiated a project-driven club to simulate all the practical challenges of entrepreneurs
- Directed 15+ students in designing, creating and marketing an original social enterprise
- Brokered \$1000 budget from Rutgers

#### Rutger's Innovation Lab Fellowship

#### One of 25 students selected (out of 500)

- Engineered a crowdsource platform to aggregate student complaints
- Founded a social enterprise following a SaaS,
  B2B business model