Jesse McKenna

Software Developer · Software Engineer

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EDUCATION

Oregon State University B.S. in Computer Science (4.0 GPA) Expected Spring 2019	2017-
Rice University M.S. in Environmental Analysis and Decision Making	2012-2014
Arizona State University B.S. in Sustainability, B.A. in Chinese, Minor in Japanese	2007-2011

EXPERIENCE

EDP Renewables North America — 2015-2017
Project Developer: Wind Energy
· Implemented a custom database for more consistent, accessible project data
· Coordinated projects from start to finish, communicating plan to stakeholders with GIS

Element Markets — 2013-2015
Data Analyst: Carbon & Emissions
· Provided deep analysis of market trends, developed models used to inform strategy

Huco Consulting Inc. — 2012-2013
Environmental Intern
· Generated consistent, reliable compliance requirement data from client permits

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PROJECTS

2-Opt Traveling-Salesman-Problem Approximation
· Python application to efficiently approximate solution to TSP given list of coordinates
  https://github.com/jessemckenna/Traveling-Salesman

Optimus Time @ OSU Hackathon Club Spring 2018 Hackathon
· Task manager using Google Calendar API created in React, JavaScript, and Material-UI
  https://optimus-time.herokuapp.com

Spell Checker
· Hash-map spell checker with word suggestion created in C
  https://repl.it/@jessemckenna/spell-checker

SKILLS

Python, C++, C, MySQL, HTML/CSS, JavaScript, Git, ArcGIS, MS Excel