ANDREW N. KAISER
Rensselaer Polytechnic Institute, Troy, NY
Bachelor of Computer Science, Entrepreneurship Minor
G.P.A. 3.41/4.00
Graduated: May, 2017

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TECHNICAL SKILLS

Programming Languages:	JavaScript/Node.js, Scala, Python, Bash, Lua, Java, C++, C, Dart, PHP, CSS
Frameworks:	React/Redux, GraphQL Angular1/2, Express, Django, REST APIs
Software:	Adobe Photoshop, Illustrator, Gimp, Inkscape, ImageMagick
OS:	Arch Linux, Debian, Kali Linux, Raspbian, XMBC Kodi, Android
Other:	Docker, Docker Compose, Kubernetes, Helm, MongoDB, PostgreSQL, SQL Server, LaTeX

EXPERIENCE

Wayfair | Software Engineer   2018 - September 2018
  – Sole engineer on Python customer help chat bot service powered by NLP machine learning.
  – Designed service & implemented project to integrate with existing customer service chat.
  – Configured Kubernetes deployment with Helm, setup Gitlab CI (unit tests, linting) & Jenkins (docker image builds).
  – Bot service is used by customer service chat & secondary Node.js service I wrote using Microsoft Skype bot framework

CollegeAI Inc. | Software Architect   May 2017 - November 2017
  – Company originated as collegeai.com , a ML research project attempting college recommendations through RCOS.
  – Implemented machine learning predictor engine & REST API microservices.
  – Created distributed web scraper for fast college applicant data collection.
  – Supported customers (high school students and counselors) seeking help with our product and providing feedback.
  – Built and maintained mobile responsive SPA web clients in React/Redux using Material UI spec.
  – Tech stack: Node.js front ends & back ends, docker microservices managed through Kubernetes on Amazon AWS.

Applied Visions Inc., Code Dx | Intern Software Developer   Summer 2015,2016
  – Intern on 6 person developer team. Used Scrum development and received code reviews from mentor.
  – Developed Atlas, a data sheet manipulation Node.js web app, improving upon excel sheet editing company used.
  – In Scala, wrote PHP code ingestion tools used in production Code Dx software, also applied bug fixes.
  – Created open source plugin for ZAProxy project to integrate with Code Dx (owasp.org).

Bundl IvS | Intern Software Developer   Spring 2016
  – Worked for a 3 person supply chain management startup while studying abroad in Copenhagen, Denmark.
  – Created Angular2 language translation module & contributed to design of prototype web app.
  – Created landing page to pitch their product to potential customers.

Rensselaer Center for Open Source (RCOS) | Undergrad Researcher   2014 - 2017
  – Mentor to new projects, taught workshops on Dockerizing applications, gave programming talk on Scala.
  – Built prototype server for Sia: Decentralized Storage Network (Nebulous Labs).
  – Contributed to front-end refactor of the RPI Computer Science department's website.
  – Lead 4 person project telebum, a mobile web app for tracking tv shows and Facebook friends' shows.
  – Containerized telebum application using Scala backend, React-Redux front-end and GraphQl client-server protocol.
  – UI/UX developer for okcollege.io/ prior to being employed by company.

Boy Scouts of America | Eagle Scout Project   2012
  – Project was refurbishing chapel room of Saint Mary's Saint Alphonsus' School. Involved speaking at local churches, contacting businesses to donate necessary parts and organizing volunteers. The school did a small article on my project www.smsaschool.org/2013/08/starting-the-year-with-a-blessing/ .

COLLEGE INVOLVEMENT

Semester Abroad | Denmark Technical University in Copenhagen, Denmark
Lambda Chi Alpha Fraternity | Server Administrator, Feeding America Volunteerism
Hackathon Participant | HackPSU, HackRPI, CopenHacks
Event Photographer | RPI Photo Club, RPI Talks, RPI ACHA Club Hockey, RPI Trudge Ultimate Frisbee
Foundry RPI | Pitch startup ideas
Rensselaer Outing Club

RELEVANT COURSES

Data Structures [C++]	Algorithms [C++]	Software Design & Documentation
Operating Systems	Programming Languages	Cryptology & Network Security
Database Systems	Starting up a New Venture	Speech Communication