

Kevin Bohinski

EDUCATION

M.S. in Computer Science

Georgia Institute of Technology | 2021

B.S. in Computer Science

B.A. in Interactive Multimedia

The College of New Jersey | 2017

Relevant Coursework:

- High Performance Computing
- Distributed Computing
- Cloud Computing
- Artificial Intelligence
- Machine Learning
- Computer Vision
- Computer Graphics

SKILLS

- Distributed Systems
- Real-time Data Streams
- Software Architecture

Languages

- Java
- Python

Tools

- Flink
- Spark
- Sedona
- Airflow
- Kafka
- Kinesis
- Redis
- RocksDB
- Postgres
- ELK
- Kubernetes

Other

- Physical Computing (Raspberry Pi / Arduino)
- OpenCV

WORK EXPERIENCE

Senior Data Engineer

Nov 2021 – Present | [Courted.io](#) | New York, NY / Remote

Developing a geospatial and general-purpose data platform for Courted, the professional network for real estate. Leading a transition from a bottlenecked task-parallel system to a data-parallel system. This transition has improved latency from multiple hours to minutes, reduced AWS spend by over 40%, and allows the company to continue its expansion to multiple markets more rapidly.

Machine Learning Software Engineer

Nov 2017 – Nov 2021 | Comcast | Philadelphia, PA

Designed and developed a platform that operationalizes real-time ML models and eliminated bottlenecks in training with big data, deployment, analysis, and monitoring, all while being capable of scaling to billions of predictions per hour. This platform supported popular products including the Xfinity Voice Remote, significantly increasing satisfaction of over 27 million customers and reducing support calls. Managed an intern throughout their six-months, helping them contribute to the project.

Software Engineer

June 2017 – Nov 2017 | AT&T Labs Research | Bedminster, NJ

Worked with researchers and AT&T's Big Data teams to improve the support experience through machine learning, natural language processing, and big data. Worked on the NLP classification pipeline and a data visualization dashboard.

TECHNICAL PROJECTS

chronicel

Spring 2017 | [github.com/kbohinski/chronicel](#)

HackTCNJ's registration system built on Flask and MySQL, integrates with MyMLH, MailChimp, MailGun, PubNub, and Slack. The site automatically managed the waitlist and had a robust administrative interface.

Med-Echo

Fall 2016 | [devpost.com/software/med-echo](#)

An Amazon Alexa medical assistant made with AWS Lambda and Node.js. Via the FDA and Twilio APIs, Med-Echo provides intelligent assistance for the user. Built at HackRU and won two prizes.

gitRecommender

Spring 2015 | [github.com/caneroj1/gitRecommender](#)

A GitHub recommendation system built in Java using Tomcat. It relies upon k-NN and Machine Learning Decision Trees in order to come up with open-source repository recommendations that the user would potentially be interested in.

LEADERSHIP AND ACTIVITIES

Positions Held

Vice President / President, TCNJ ACM | Fall 2016 / Spring 2017

Webmaster, TCNJ ACM, TCNJ WiCS | Fall 2014 - Fall 2016, Fall 2016 - Spring 2017

HackTCNJ Organizer, TCNJ ACM | Fall 2014 - Spring 2017

Computational Cluster Development Team, TCNJ CS Dept. | Fall 2014 - Spring 2017

Honors Received

TCNJ Computer Science Service Award (2015, 2017), Dean's List (Spring 2016), HackRU Sponsor Prizes (Fall 2016, Spring 2017), Winner of TCNJ Net Impact Social Innovation Challenge, Eagle Scout, #13 worldwide in Mario Tennis (March 2019)

Contributed to Apache Flink and Apache Sedona