

# ADAM T'KOY

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A strong foundation in computer science empowers me to adapt quickly to new technologies and projects. Effective and efficient collaboration, solving complex problems, and growth opportunities motivate my job satisfaction. My personal goal is to improve continuously and stretch my limitations.

## SKILLS

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- Proficient in C, C++, Java, Python, and R using IDEs like R-Studio and Visual Studio
- Coding in a Linux environment, including implementation of a simplified version of Shell utility
- Debugging code with GDB and analyzing memory usage with Valgrind
- Version control using GitHub for both solo and collaborative projects
- Led as front-end developer for semester-long group project creating web app with React, Node.js
- Completed additional learning outside degree in JavaScript, MongoDB, Python Pandas, SQL, Swift
- Completed bootcamp covering Agile, Java, Javalin, JDBC, REST, Spring, Spring Boot, Spring Data

## EDUCATION

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**University of Illinois at Urbana-Champaign** August 2024

**Bachelor of Science in Statistics and Computer Science** GPA: 3.91/4.00

Coursework included: Computer Architecture, Linear Algebra, Programming Languages & Compilers, Software Design Lab, Statistical Modeling, Statistics Programming Methods, System Programming

## EXPERIENCE

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**Product Structure Engineer** Lisle, IL

The Traton Group (International Motors) February 2025 - Present

- Research and implement enhancements to coding structure for systems that build a Bill of Material to ensure necessary parts are consistently and comprehensively included for mass customization configurations
- Support new vehicle programs by analyzing order failures (real and test) and researching specific resolutions
- Improve and modernize the department by automating processes using SQL (Hadoop, Impala), Python, and Excel VBA macros

**Career Experience** Cupertino, CA

Apple January 2023 - June 2023

Supported the Manufacturing Quality Engineering Color team for 5 months, full-time:

- Operated special equipment to measure sample parts for color and texture
- Cleaned and manipulated data in Tableau to generate summary reports and visualizations
- Coordinated parts during sample reviews with Industrial Design team
- Sorted, packaged, and labeled limit samples for long-term archival project

**Genius Admin** Naperville, IL

Apple Store March 2022 - August 2023

- Expertly utilized internal applications like Mobile Genius and Repair Central to resolve repair issues
- Tracked and followed up on information for approximately 100+ active repairs (in-store and off-site)
- Collaborated across multi-functional store teams on solutions to best benefit the customer and the company

**Product Specialist** Naperville, IL

Apple Store November 2019 - March 2022

- Consistently generated revenue while crafting custom solutions for a high volume of customers, including sales support, data migration/initial setup, and basic troubleshooting