



A QR code to my website!  
<https://www.kedarabhyankar.me>

**Kedar Abhyankar**

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## Education

### **Computer Science at Purdue University**

**2018-2022**

#### **Relevant Classes for 2021 - 2022 Academic Year**

Senior Software Engineering Project, Computer Networks, Introduction to the Analysis of Algorithms, Programming Languages, Compilers

#### **Relevant Classes Taken**

iOS Development in Swift, Competitive Programming I, Software Engineering I, Operating Systems, Software Testing, Introductory CS courses (Java, C, Discrete Mathematics, Computer Architecture, Data Structures and Algorithms, Systems Programming)

## Skills

- Programming Languages proficient in: C, C++, Go, Java, JavaScript, Python, Objective C, and Swift
- Technologies and Frameworks proficient in: Amazon AWS Services, DynamoDB, Firebase, MongoDB, React, NodeJS, Redis, and Spring Boot

## Relevant Work Experience

- **CS18000 Head Teaching Assistant (May 2021 - Present)**
  - Worked directly with course faculty, including the professor for the course, developing assignments, making sure students have no issues in course accessibility, and lecture for 700+ students once a week.
- **Software Engineering Intern at Genesys (May 2020 - August 2020; May 2021 - Present)**
  - Worked with Identity and Access Management (IAM) team, on building OAuth modules, Identity Redirection Platform using Spring Boot. The following year, I returned to work with the same team, doing work with code generation and dependency injection in Go (using Wire).
- **CS25100 Undergraduate Teaching Assistant (January 2021 - May 2021)**
  - Assisted students with understanding and comprehending data structures and algorithms. Helped review topics such as graph traversal, red-black tree, priority queue and hash table implementations, and assisted with exam writing.
- **CS18000 Course Coordinator (October 2020 - June 2021)**
  - Assisted with course direction by holding office hours (both in person and virtual), running review sessions, and assisting in writing and reviewing exams.
- **CS18000 Undergraduate Teaching Assistant (June 2019 - October 2020)**
  - Assisted with course including holding office hours, answering questions on class discussion boards, and aiding students in lab sessions.
- **Computer Science Curriculum Developer (August 2019 - December 2020)**
  - Wrote course curriculum including projects, labs, and homework, working with JUnit 4.3 for test cases and bash scripting for test development.
- **Software Engineering Intern at 6DBytes (Summer 2018)**
  - Learned soft and hard skills as my first software engineering internship, and worked primarily in Python3 and URScript.

## Personal Projects

- **JUnit + Java 14 Test Builder Framework (TestBuilder)**
  - A Java framework to help aid in writing test cases. Paired with JUnit, these tests become significantly easier to understand and port from one test suite to another.