

# Tim Kutcher

A full-stack software engineer specializing in web-development. Interests include Low-Code Applications, Developer Tools, Compilers & Languages, Human Computer Interaction & UX Design.

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## EXPERIENCE

**FOUNDER & CTO** Anvilor Solutions, LLC *Forest Hill, MD*  
JANUARY 2022 - PRESENT

Founded Anvilor Solutions, LLC to serve as a Technology Research & Development arm to parent company DICORP, Inc. Have led a small team in developing low-code framework and flagship product “Anvilor Surveys” to service building data collection solutions with custom business logic for DICORP customers, and more.

**FULL STACK SOFTWARE ENGINEER** DICORP, Inc. *Forest Hill, MD*  
SEPTEMBER 2019 - PRESENT

Engineer at DICORP, Inc., focused on enhancing DICORP’s core technology of a low-code platform to rapidly develop applications suited for data collection, submission, and reporting. Helped introduce an agile-development process, centralizing issue management in GitLab in 2019. Helped develop core features to support “community” interaction and advanced business logic capabilities.

**SOFTWARE INTERN** Booz Allen Hamilton *Annapolis Junction, MD*  
SUMMER 2018

Interned as part of the Booz Allen Hamilton Summer Games program to develop a Java application for Android devices that allows messaging and emergency alerts without internet or cellular service via a gossip protocol over Bluetooth and WiFi-Direct connections. Placed 2nd out of the 19 intern groups.

**TEACHING ASSISTANT** Johns Hopkins Computer Science Dept. *Baltimore, MD*  
2017-2019

Served as a Course Assistant for Intermediate Programming in C/C++ (Summer 2017), Automata & Computation Theory (Spring 2017), and Data Structures (Fall 2017, Spring 2018). Head Teaching Assistant for Data Structures (Fall 2018 - Spring 2019). Developed a Java library “JGrade” to handle automatically grading student submissions to assist managing the course in December of 2018.

## ADDITIONAL

**JOHN CARROLL HIGH SCHOOL BASEBALL & VOLLEYBALL COACH**  
AUGUST 2019 - PRESENT

Assistant coach for Varsity Baseball and Varsity Volleyball since 2020 at The John Carroll School in Bel Air, MD - which competes in the premier MIAA “A” Conference. Head JV Volleyball Coach in 2021 and 2022.

**JOHNS HOPKINS VARSITY BASEBALL**  
AUGUST 2015 - MAY 2019

Outfielder for the Johns Hopkins University varsity baseball team. Selected to First Team Academic All-District in 2018. Named captain in 2019 season where the team finished third in the country at the Division III College World Series. In 2019 received the Robert H. Scott Award for excellence in athletics, scholarship, and extracurricular participation, awarded to one male student athlete each year.

## EDUCATION

*Johns Hopkins University*  
B.S. Computer Science, 2019

## SKILLS & ABILITIES

### *Programming*

*Experienced*

Python, TypeScript/JavaScript, Java, XSLT, Bash, HTML/CSS, SCSS

*Familiar*

C, C++, C#, LISP, OCaml, ARM Assembly, Dart

### *Tools & Frameworks*

*Experienced*

Angular, NgRx/RxJs, Docker, Git, GitLab CI/CD, Web Development, QuickBase, Azure, MongoDB

*Familiar*

AWS, Mobile Development, SQL, Adobe XD, Subversion, Jenkins CI

### *Foreign Language*

Conversational Spanish