



## Jal Irani

Baltimore, MD

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## Education

Ph.D. Information Systems ('24)  
**UMBC**  
Catonsville, MD

M.S. Computer Science ('17)  
**Johns Hopkins University**  
Baltimore, MD

B.S. Computer Science ('15)  
**Towson University**  
Towson, MD

## Projects

Fourplay  
Featured: [NYPost](#), [CNBC](#)

Corrie  
Featured: [WWDC 2021](#),  
[JHMI](#)

SleepIn Alarm  
Featured: [WBAL](#), [WYFF](#),  
[Watchdog](#), [Diamondback](#),  
[Retriever](#), [Towerlight](#)

SmartAddress  
Sold to FamJam Inc.

## Extra

- [Faculty Advisor: StarT Up \(TU\)](#)
- [Entrepreneurship Faculty Fellow \(TU\)](#)
- [Faculty Advisor: Blockchain Club \(JHU\)](#)

## Professional Experience

**Flave** 1/20 - Current  
Founder & iOS Engineer **Baltimore, MD**  
Rewards platform for local restaurants.  
Featured: [Top 20 Startup of 2022](#), [WBAL](#), [BBJ](#), [Technical.ly](#)

**SchoolDuels** 11/18 - 1/20  
Head of Product **Baltimore, MD**  
Led engineering and product teams in development, growth, and expansion from ideation to \$125k in ARR. Successfully secured \$1MM in seed round funding within first year of incorporation.

**TrackOFF (Acquired by Avast)** 12/17 - 11/18  
iOS Developer **Baltimore, MD**  
Developed the TrackOFF Privacy browser, currently listed as Avast Secure Browser, and Dark Web Search apps.

**ZeroFOX** 1/16 - 11/17  
Full Stack Developer **Baltimore, MD**  
Created asynchronous rules using JavaScript to alert the ZeroFOX platform on threatening/suspicious activity on social media platforms.

**Primary Data** 6/15 - 8/15  
iOS Developer Intern **Los Altos, CA**  
Developed a proprietary iOS application to visually define memory management options for a software-defined storage system. The resulting application was presented at VMworld 2015 in SF, California.

## Academia

**Towson University** 8/17 - Current  
Lecturer **Towson, MD**  
Primary full-time lecturer for the senior and graduate-level crypto & mobile development courses in the CS department.  
**Courses:** COSC 670, 617, 484 & AIT 616, 618

**Johns Hopkins University** 8/19 - Current  
Adjunct Professor **Baltimore, MD**  
Taught crypto and machine learning to MBA and MSF students.  
**Courses:** BU 520.710 & 232.770

## Awards

- [Top 21 Most Influential Engineers in Baltimore 2021](#)
- [USM COVID App Challenge Winner 2020](#)
- [Mary Hudson Scarborough Award](#)

## Programming languages

|                 |           |        |           |
|-----------------|-----------|--------|-----------|
| Swift           | ● ● ● ● ● | Python | ● ● ● ● ● |
| JavaScript/ES6+ | ● ● ● ● ● | Java   | ● ● ● ● ● |
| Solidity        | ● ● ● ● ● | Rust   | ● ● ● ● ● |