# Isaac Beale

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## EDUCATION

**Oregon State University,** Corvallis, Oregon　　　　　　　　　　　　　　Graduation: June 2020
*B.S., Industrial Engineering with focus in Information Systems*
*Minor in Computer Science*

**Arizona State University,** Mesa, Arizona (Polytechnic Campus)　　　Expected Graduation: May 2022
*M.S., Software Engineering*

## WORK EXPERIENCE

**Intel,** Phoenix, Arizona　　　　　　　　　　　　　　　　　　　　　　　August 2020 - Current
*Full Stack Software Engineer Student (OTF Yield Systems)*

- Integration Tech Request**:** Facilitated cross-organization communication by being the sole developer of a web based request system which replaced the email communication standard. Made with extensibility in mind, it will be forked and maintained for Aloha OR, Hillsboro OR, and Ocotillo AZ campuses. **(Python, Django, React, Typescript, Postgres)**

- ISRequest**:** Inherited an existing product from Intel in Israel, and repurposed it for Intel in Arizona. Accomplished by learning ASP.NET, created and populated a new database, and creating wholly new features to retrofit the application to OTF's use cases.
  - **ASP.NET, Microsoft SQL Server**

- Awards**:**
  - Factory Recognition Award for "Superior Systems" for role in development of ISRequest and Integration Tech Request.
  - Selected as one of sixty interns worldwide for the 2021 Intern Showcase to present Integration Tech Request in a presentation named "On the Importance of Small Scale Web Applications"

## TOOLS AND SKILLS

| **Proficient** | **Intermediate** | **Some Experience** |
|---|---|---|
| Python | Django, Flask, C#, Java, React, TypeScript | MySQL, AWS EC2, Heroku, CloudFoundry, PostgreSQL |

**Skills:**
- Software planning, API development, communication, self-starter, team oriented, interpersonal skills.

## SIDE PROJECTS

**Hoop Finder** - https://github.com/ibeale/hoop-finder | https://hoop-finder.web.app/
- Created in March 2021 using **TypeScript, React, Firebase**
- Basketball hoop finder application for users to identify and search for public basketball hoops near them

**Dijkstra's Algorithm visualizer** - https://github.com/ibeale/graph-algo-visualizer
- Created in February 2021 using **TypeScript, React**
- Allows user to draw mazes for the algorithm to navigate.

**Keypers** (ended 2020) – https://github.com/ibeale/KeypersDashboard
- Created August 2020 using **Python, Flask, SQLite, AWS EC2**
- A website to rent sneaker bots to purchase exclusive sneakers on drop day. Developed entire website as the only developer. 10% ownership of the company.  Created a custom API with authentication using flask for users to reset the hardware ID of a rented sneaker bot during their rental period using the requests and selenium python libraries to avoid captcha.