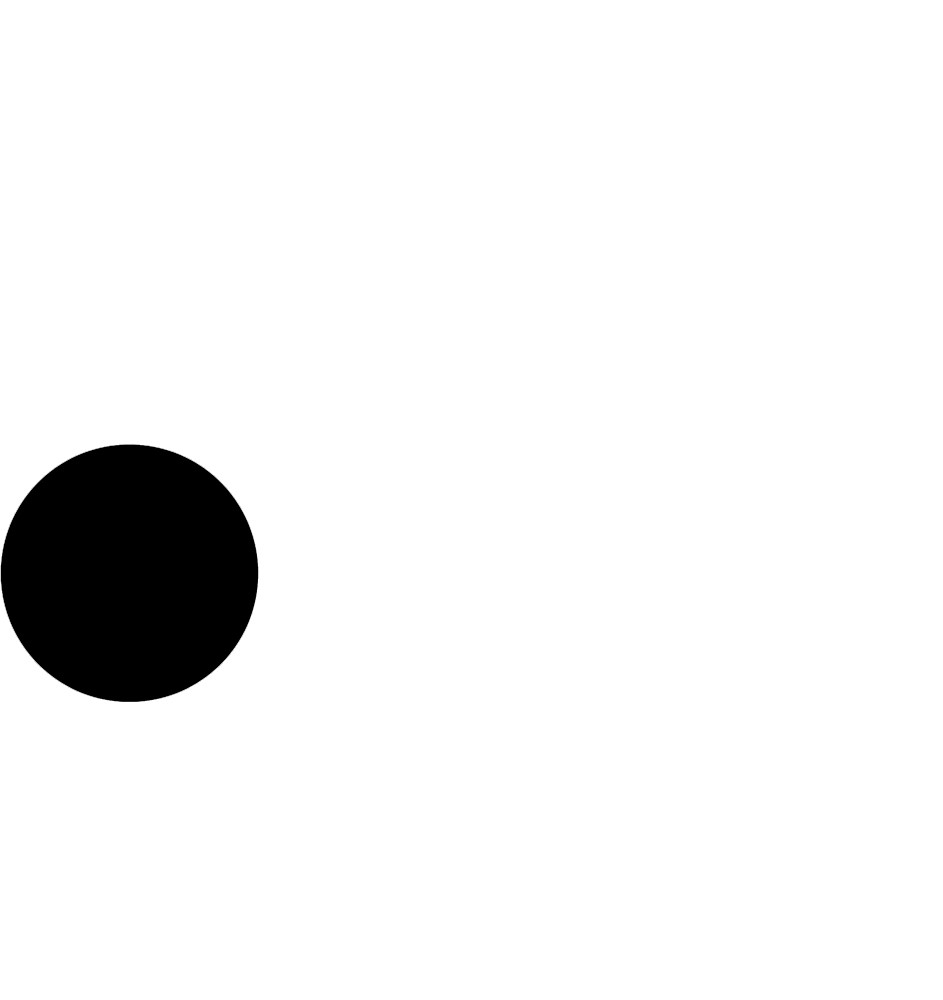
**JIN WOONG YU**

*jwyu@ucsd.edu • 838 S. Gramercy Pl. Apt. 6 Los Angeles, CA 90005 • (213) 369-4808*

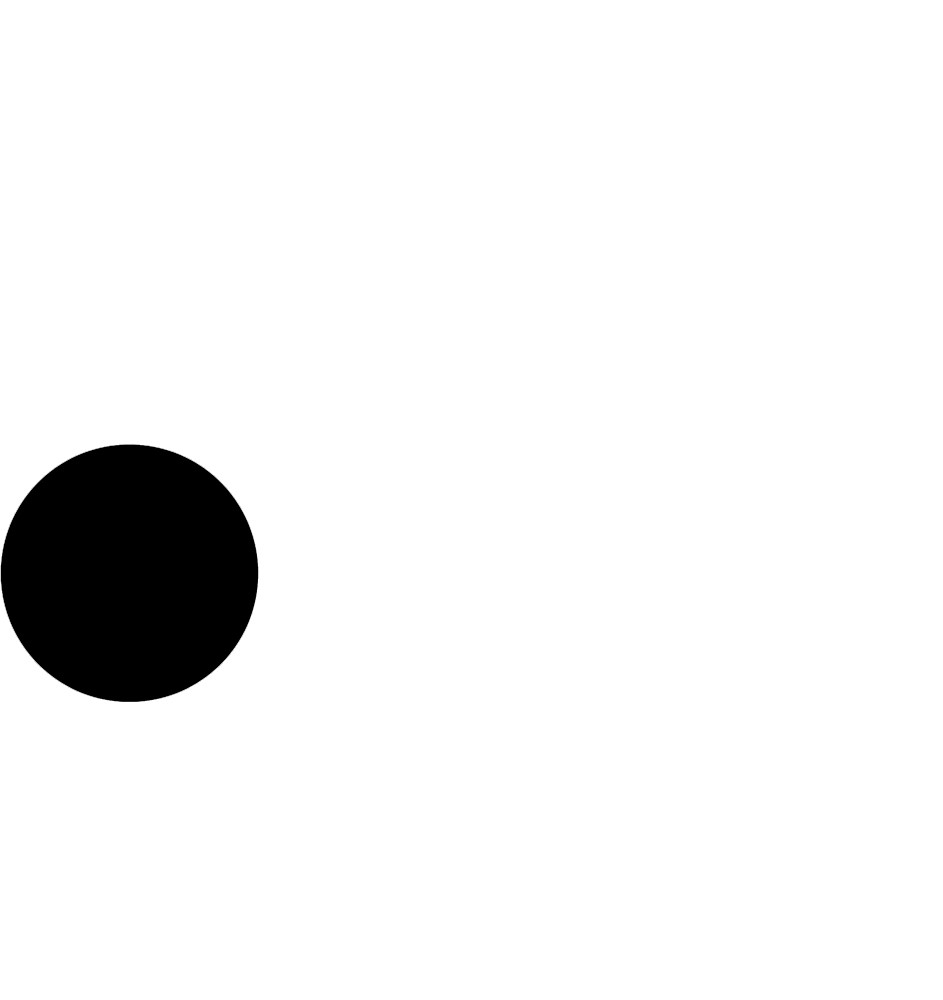
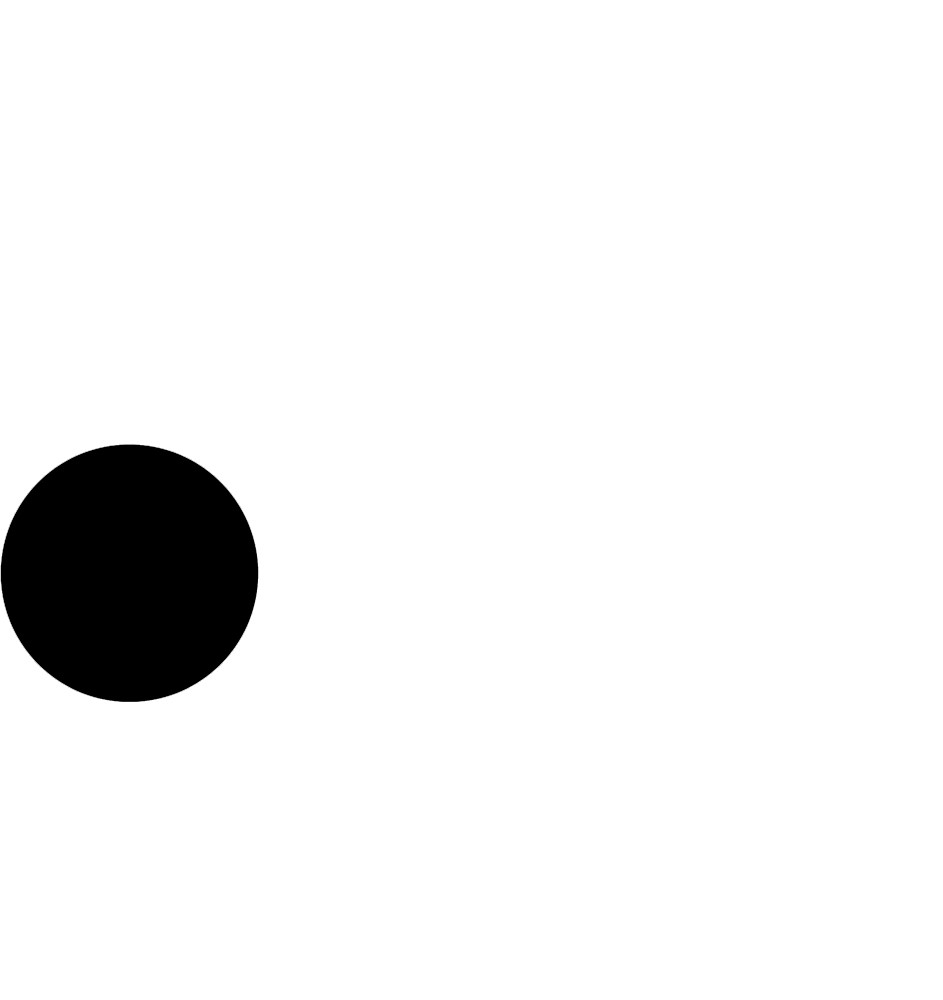
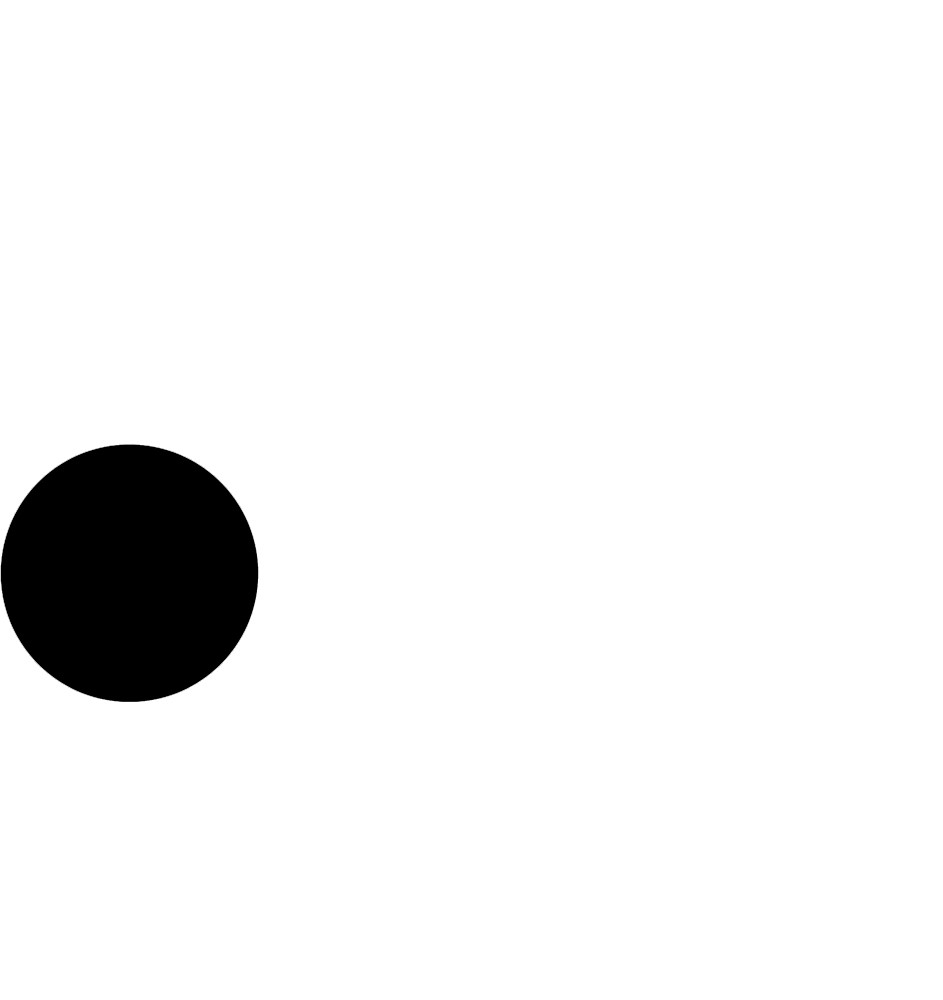
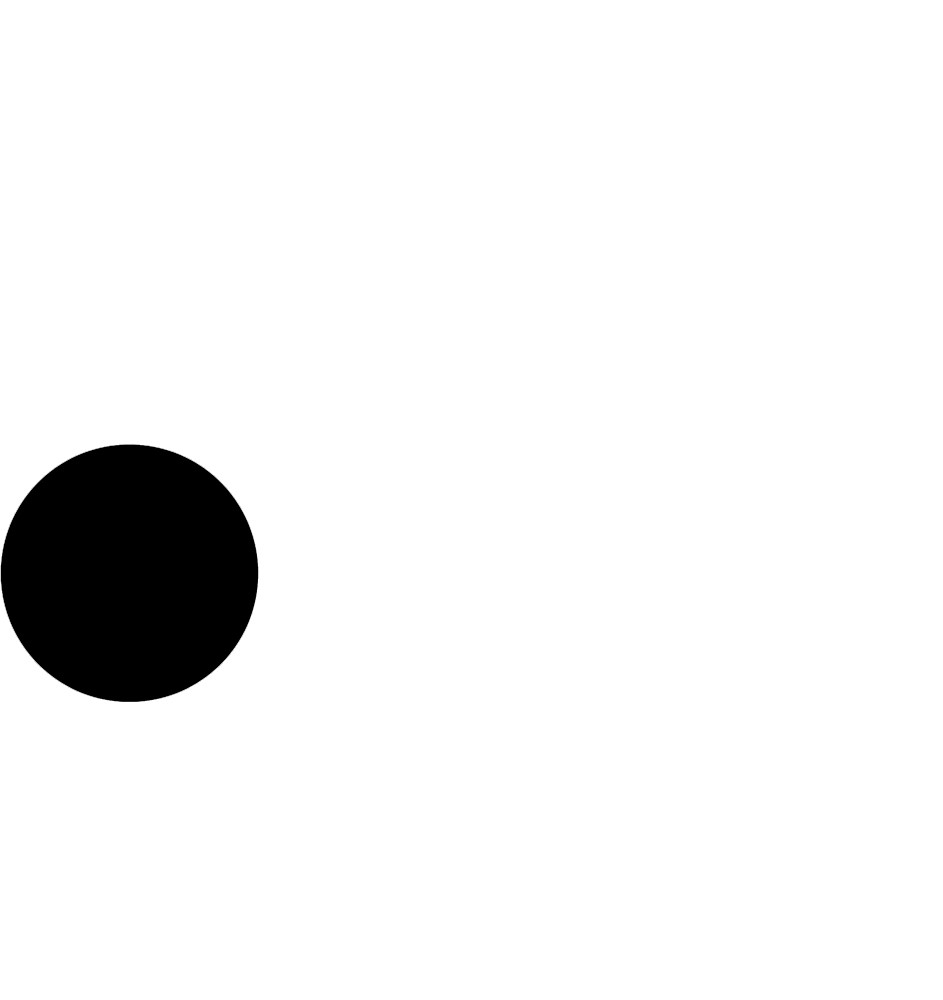
**EDUCATION:**

*University of California, San Diego* Expected Graduation: June 2018

Major: B.S. Computer Science GPA: 3.26

**RELEVANT COURSEWORK:**

*Advanced Data Structures in Java/C++, Object-Oriented Programming*



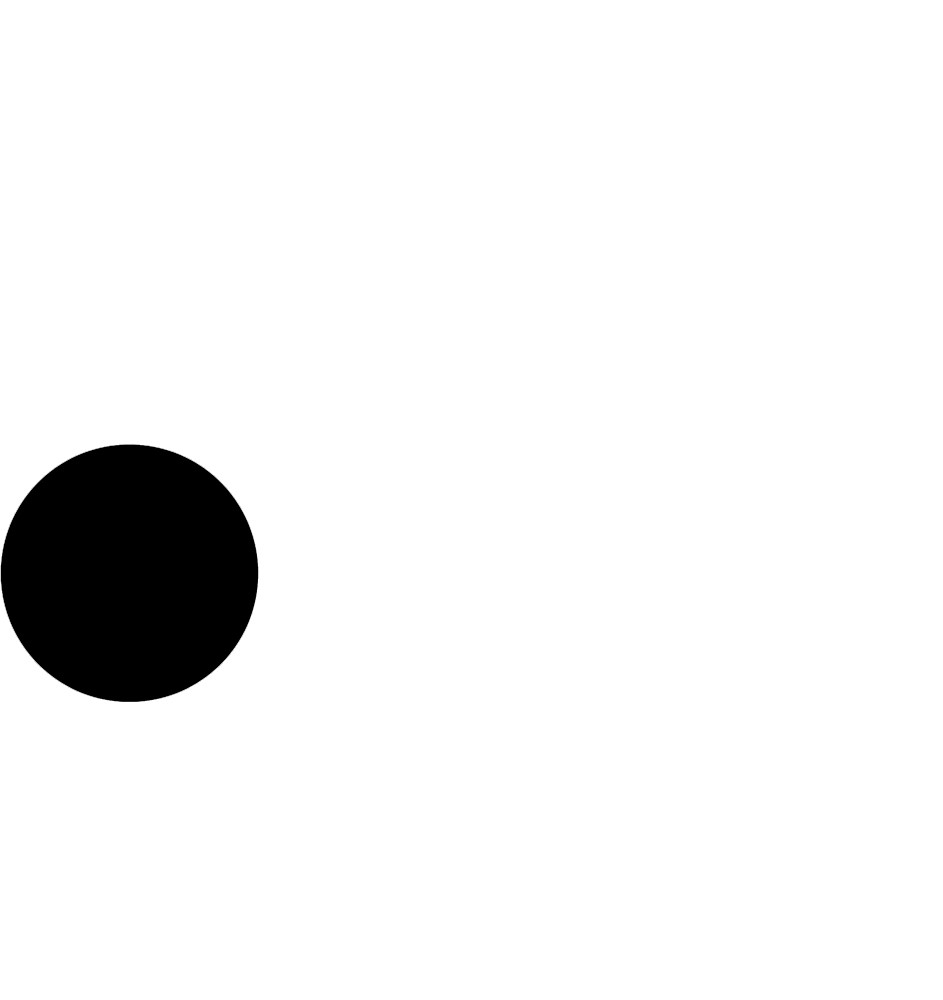
*Discrete Mathematics structures, Mathematics for Algorithms and Systems*

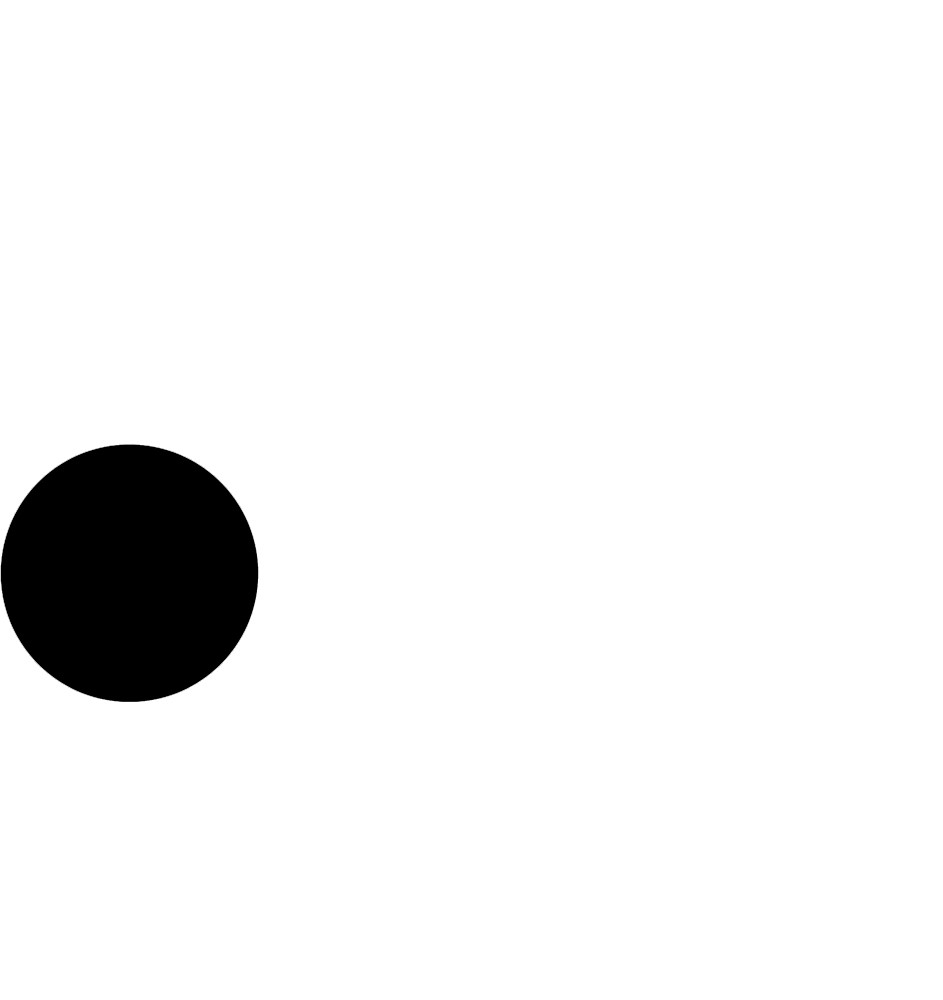
*Computer Organization and System Programming, Components and Design Techniques for Digital Systems*

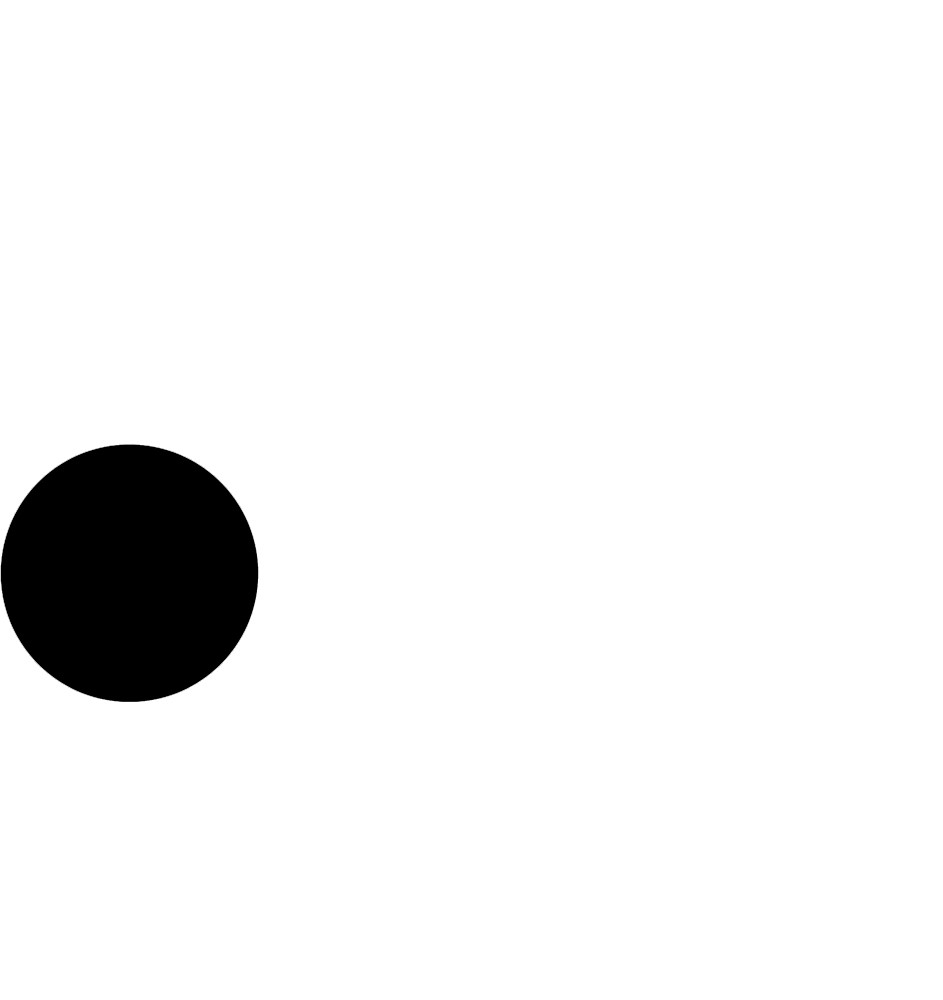
*Embedded Systems\*, Software Engineering\* \*Current Course*

**SKILLS & QUALIFICATION:**

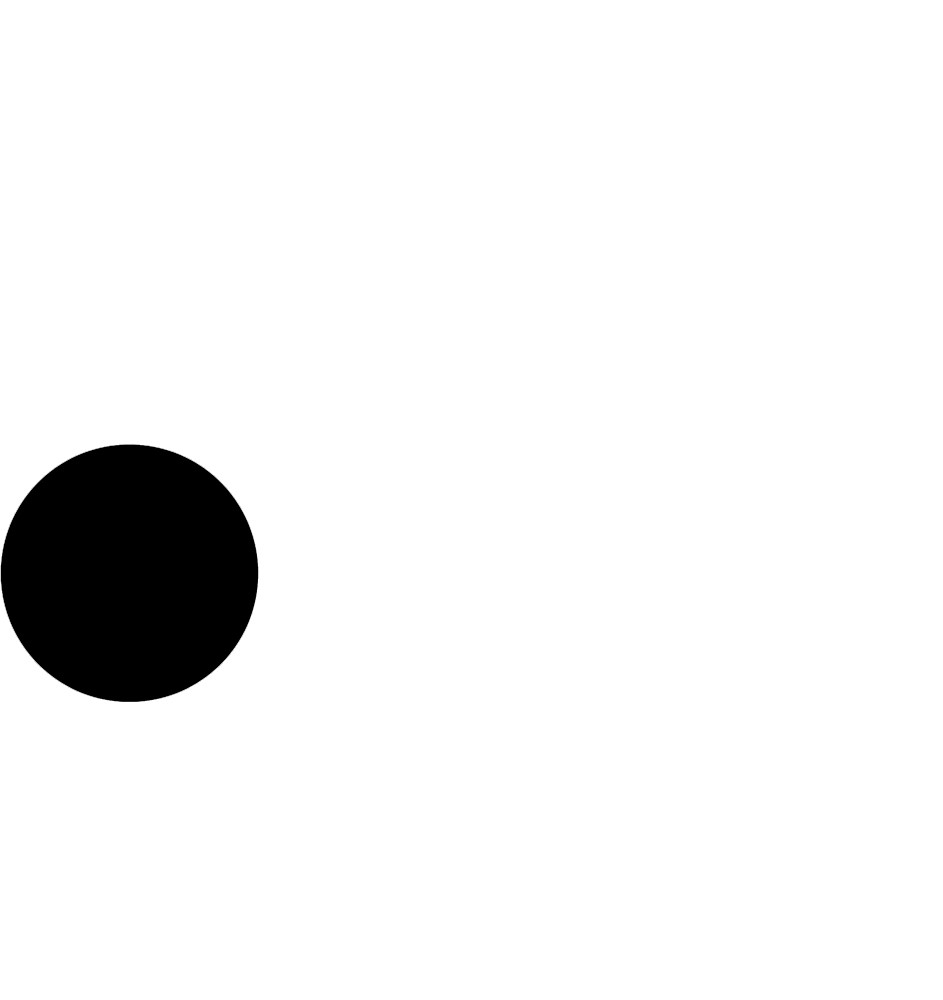
**TECHNICAL SKILLS**

*Proficient*: Java, C, C++

*Knowledgeable*: HTML/CSS/JavaScript, MATLAB, Verilog, ARM Assembly, MySQL

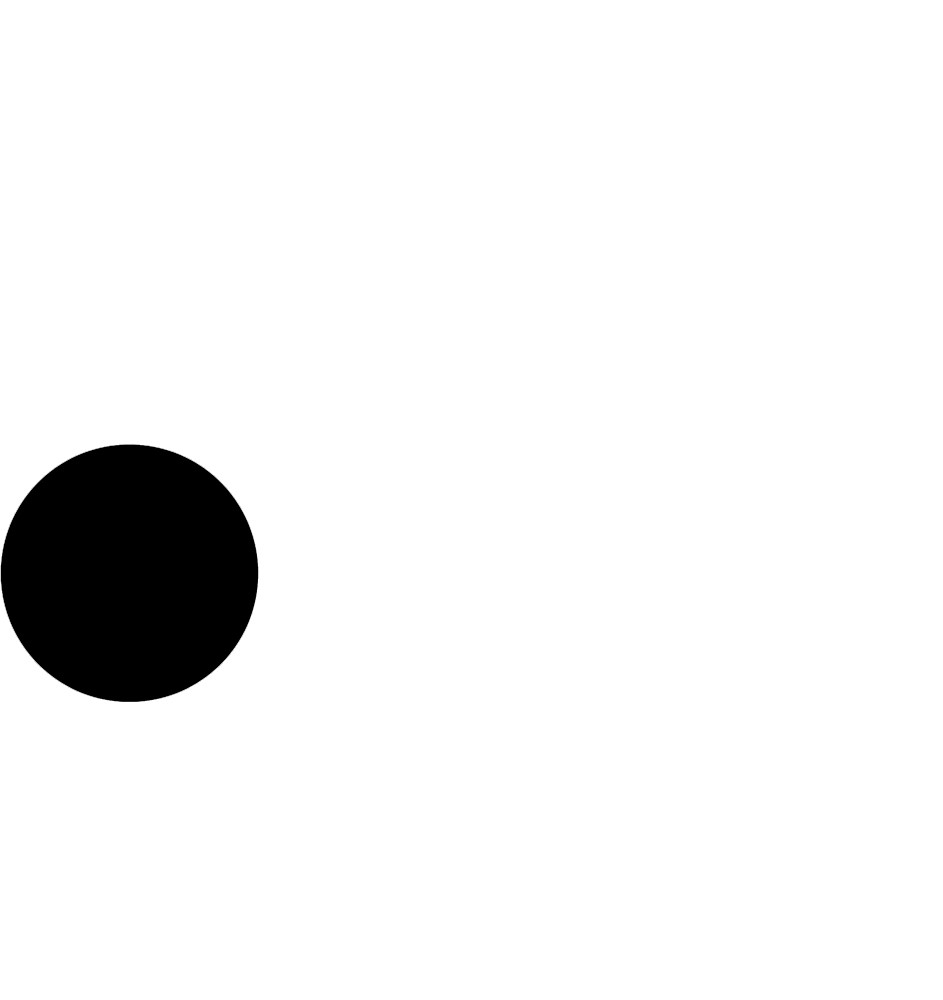
*Tools/IDE*: Vim, Android Studios, Eclipse, UNIX/LINUX Environment, Git

**LEADERSHIP**

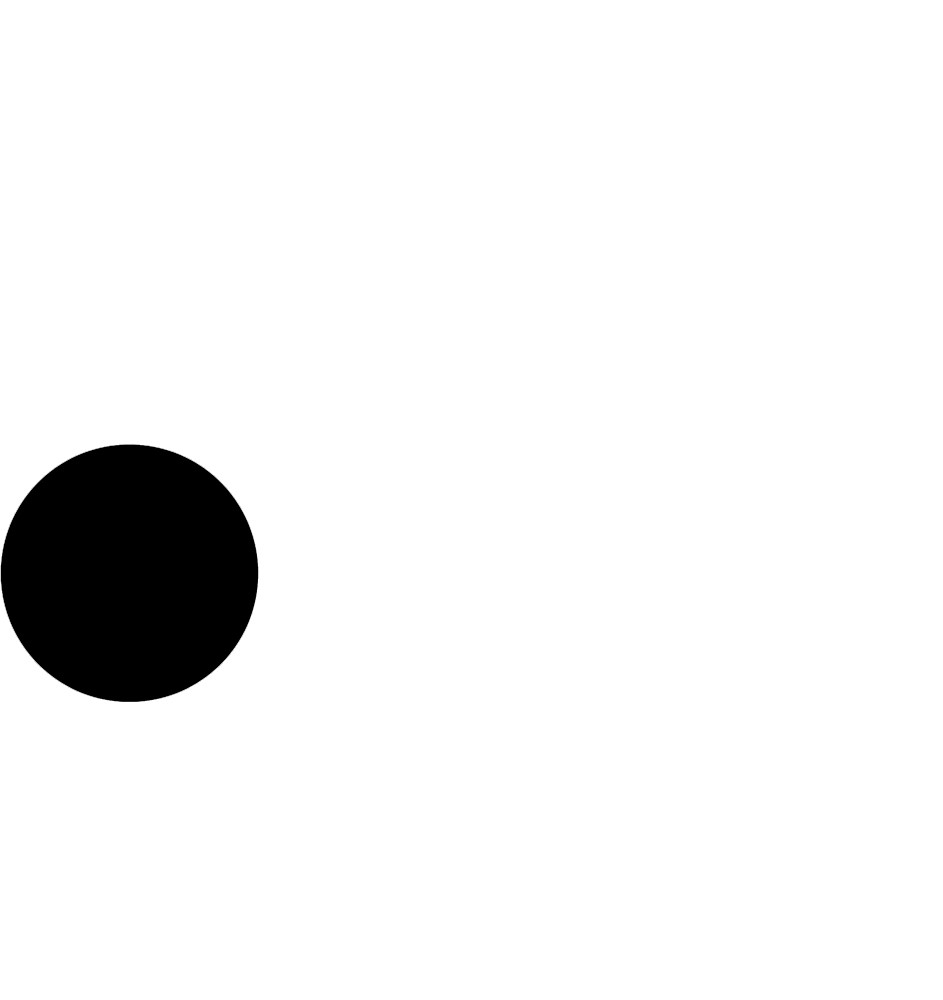
 *JROTC C/2LT Battalion Adjutant Officer (S-1):*

* Principal staff officer for all matters concerning human resources, personnel services, and headquarters management.

**PROJECT:**

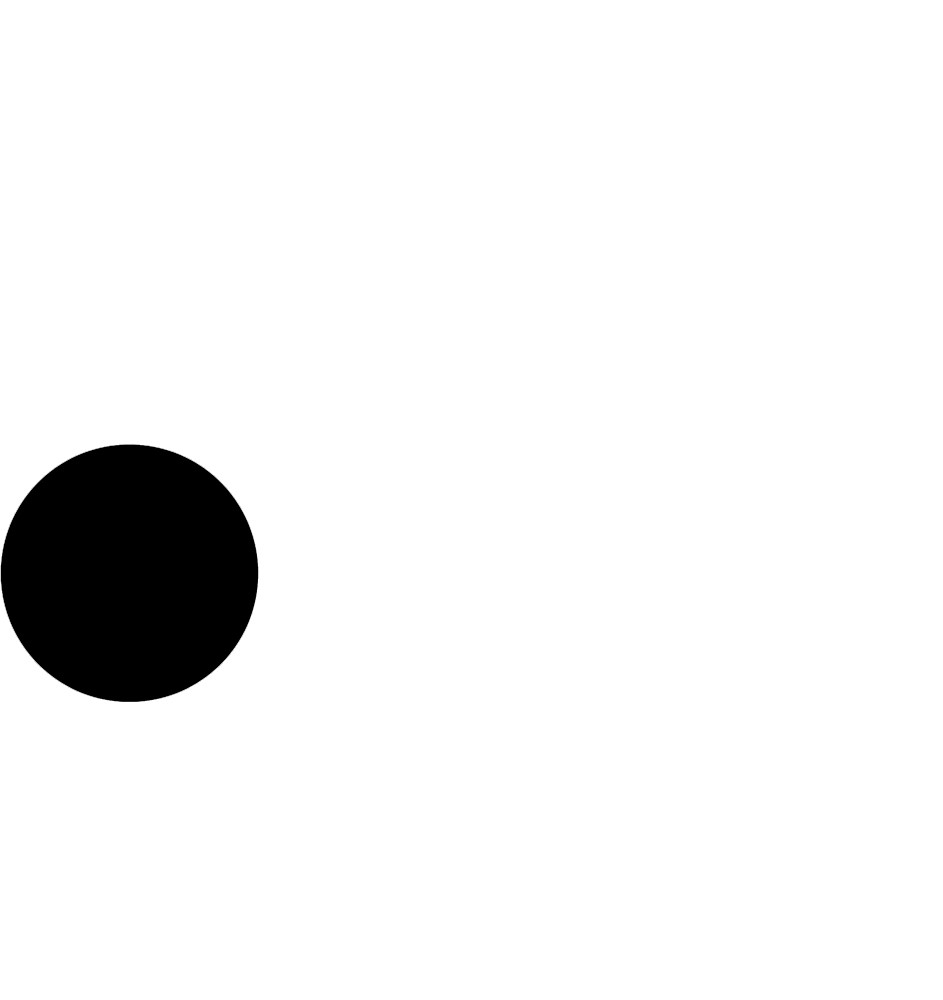
*3D RECONSTRUCTION USING POINT CLOUD (current project)*

Creating a highly efficient and portable 3D reconstruction using Google Tango table and API by using highly complex C++ and Simultaneous Localization and Mapping algorithms.

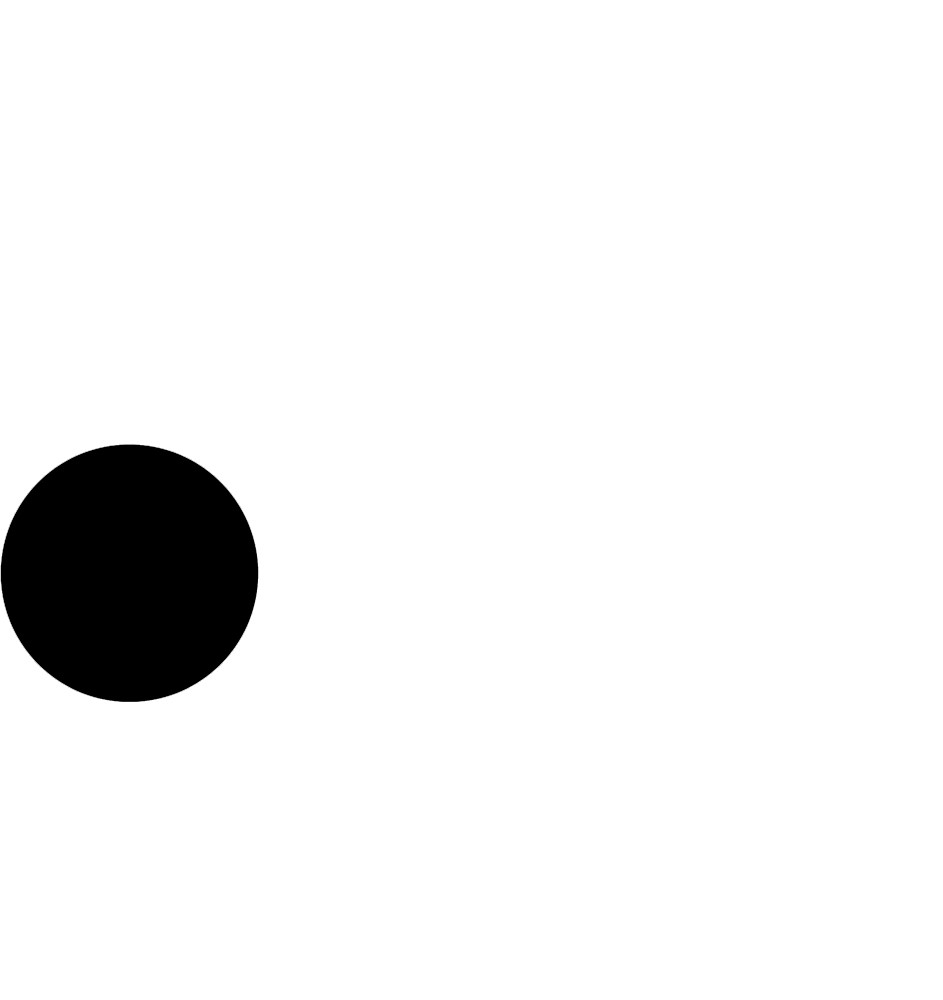
*AUTO-COMPLETE/SPELL CHECK (DICTIONARY)*

Designed a dictionary by showing auto-complete features using word frequency.

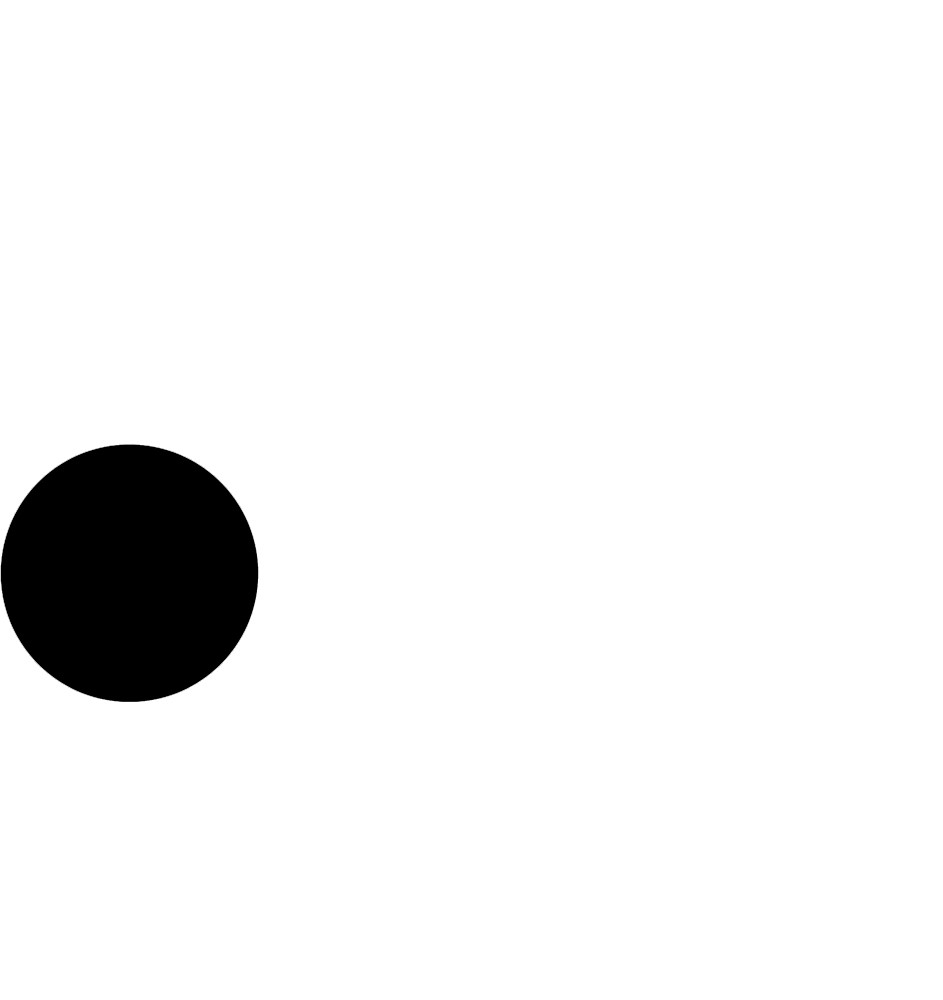
*MAPPING APPLICATION*



Worked on back-end implementation of mapping application that provides the fastest and the most efficient route from one point to another using Google API.

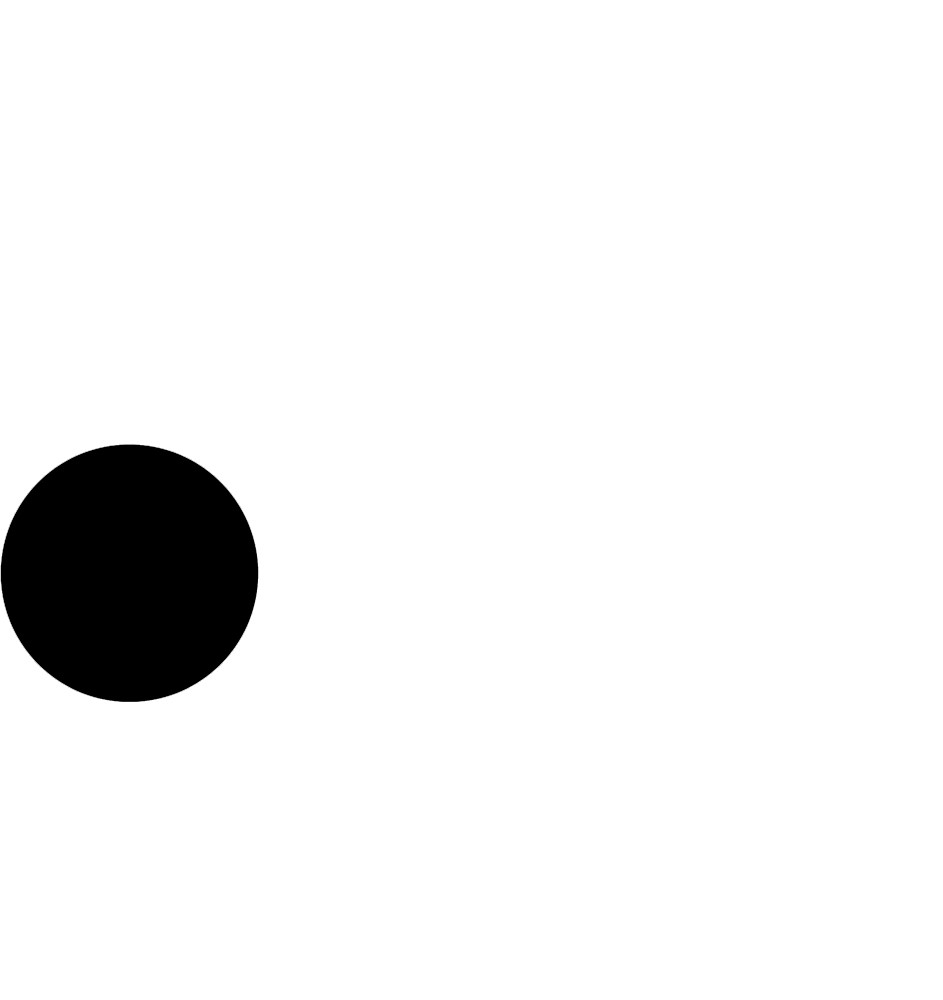
*SIX DEGREES OF KEVIN BACON*

Allowed users to explore degrees of separation between Hollywood actors who act in the same movie.

COUPLETONES

Connected partners by pushing notification to others when the user enters his/her favorite location.

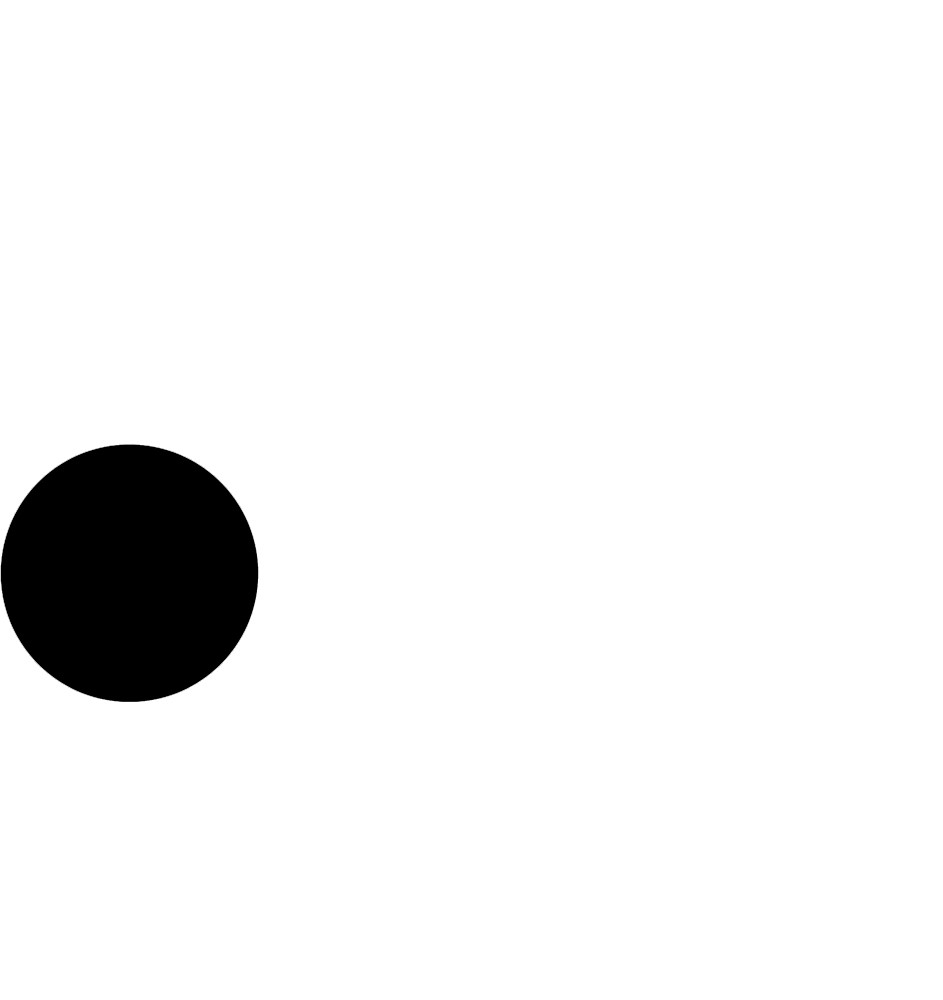
**EMPLOYMENT/VOLUNTEER EXPERIENCE:**

*Dr. Ho S. Bae Gastroenterology* 2013-2014

Ensured enhancement of services by changing patients’ charts to e-charts.



Performed office duties such as filing charts, entering patients’ data, and handling routine correspondence.

*World Changers* 2009-2013

Spent a week to help change the environment and repair the houses for people in need.



Assisted construction coordinator and supervisor in delivering materials and tools to site during the project, which was used to repaint the house and repair the roof.

**ADDITIONAL INFORMATION:**

* *Skills*: Fluent in Korean and English. Novice in Spanish
* *Interests:* Tennis, Piano, Swimming, Community Service