

# Ricky Dam

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**GitHub:** rickydam

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## Skills

**Languages:** JavaScript, HTML/CSS, Java, C, Python, C#  
**Frameworks:** NodeJS, AngularJS, MongoDB, jQuery, Bootstrap  
**Tools:** Git, Heroku, VisualStudio, Eclipse, AndroidStudio  
**Development:** Agile, FullStack, RESTfulAPI

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## Experience



### Mobile Quality Assurance Specialist | TITUS

September 2016 – December 2016

Found and logged new bugs with crash files and/or screenshots.

Verified and closed old bugs.

Performed regression testing on iOS, Android and Mac to ensure product quality.

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## Projects

more projects can be found on my GitHub at <https://github.com/rickydam/>

### RPi Chess | Java, Python ----- January 2016 – Present

In a team of 4, we are currently building a robot to move its own chess pieces on its turn. The robot is built with two stepper motors and a servo. The Server will send commands using wireless UDP to an Android app to take pictures after every move and analyze the image using OpenCV to figure out which piece was moved to be used for the GUI which is a virtual representation of the chess board on the laptop.

### ToDoList | JavaScript (MongoDB, ExpressJS, AngularJS, NodeJS) ----- November 2016 – December 2016

A web app created using the MEAN stack and REST API. Allows the users to create todos and delete todos. Uses Angular's routeProvider to route to the correct view depending on the user's device.

<https://rickydam-todolist.herokuapp.com/>

### TFTP File Transfer Application | Java ----- May 2016 – June 2016

In a team of 5, we built a file transfer application implementing TFTP. The application includes an error simulator to show the unreliability of UDP.

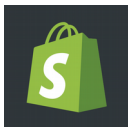
### Local Business Website | HTML ----- April 2016 – Present

The Ottawa-based business offers washing, dry cleaning, repairs and alterations. The website has information about prices, normal and holiday hours, photos, a map and contact information.

<http://majesticcleaners.github.io/>

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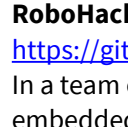
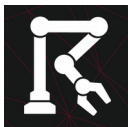
## Hackathons



### deCODE 2017 | University of Ottawa ----- March 31–April 1, 2017

<https://github.com/jaydenwindle/decode2017/>

In a team of 7, we teamed up with Shopify to create a giveaway app using their Shopify Partner Program. Used Ruby on Rails, ngrok, JavaScript and HTML/CSS.



### RoboHacks 2017 | McGill University ----- March 25–26, 2017

<https://github.com/rickydam/Constellation-Buddy/>

In a team of 6, we built a prototype telescope using a camera module, two servos and a myRIO embedded device by National Instruments. GUI clicks on constellations positions the telescope.



### deCODE 2016 | University of Ottawa ----- April 1–2, 2016

<https://github.com/roncodingenthusiast/front-end-fokodecode16/>

In a team of 10, we teamed up with Foko, a local startup to implement a feature for their interactive photo sharing communication service. Used HTML/CSS and JavaScript.

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## Education



Bachelor of Engineering, Computer Systems Engineering | Carleton University, Ottawa, ON  
3rd Year Undergraduate | September 2014 – Present