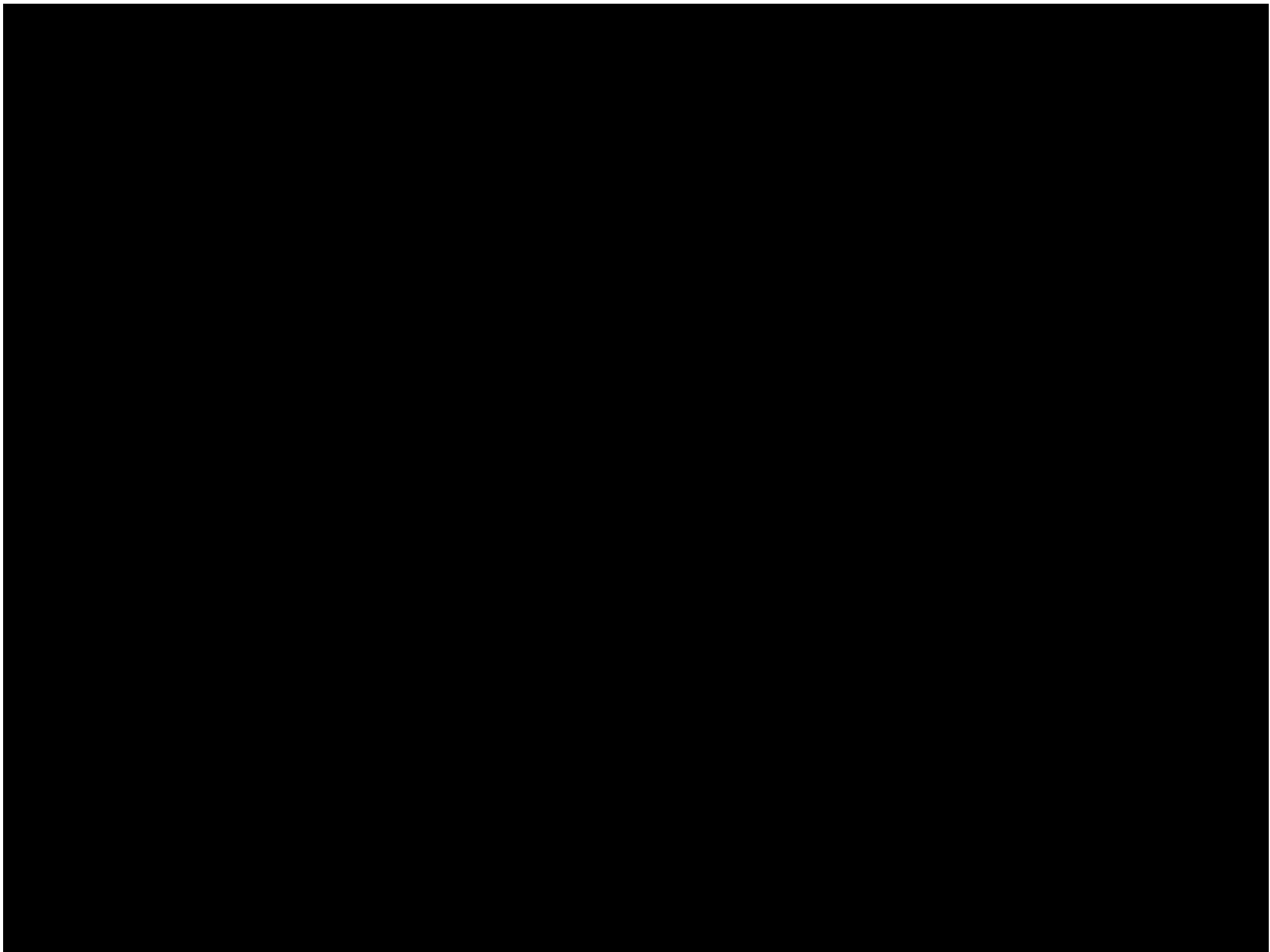




2012 LYNBROOK ROBOTICS - *FIRST* Team 846











2012 LYNBROOK ROBOTICS - *FIRST* Team 846





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# REBOUND RUMBLE 2012

Lynbrook High School Robotics

*The Funky Monkeys*

*FIRST Team #846*

# The Team

## Officers

Alric Siu	Co-President
Annie Yang	Co-President
Brian Axelrod	Vice-President
Robert Ying	Software Lead
Eric Yeh	Hardware Lead
Miles Chan	Treasurer
Diane Wang	Public Relations
Aneesh Sreedhar	Event Manager
Michael Lin	Secretary
Vincent Yao	Webmaster
Jocelyn Shieh	Historian
Lucy Mou	Honorary Officer

## Mentors

David Giandomenico	Head Coach
Yang Xie	Mech. Design & Founder
Ralph Lowd	Mentor
Fernando Reyes	Machinist
Payton Wong	Machinist
Gerald Haas	Team Enthusiasts
Nancy Haas	Team Enthusiasts
Dan Peake	Machine & Design
Wes Harrison	Mentor
Dmitry Lomazov	Software
Leejung Chu	Software Processes
Alex Kanaris	Software & Control
Chuang Dong	Software & Electronics
Jie Li	Control Systems

## LHS Advisors

George Peck	LHS Staff Advisor
Gail Davidson	LHS Principal
Judy Boehm	LHS Financial Specialist
David Erwin	LHS Assistant Principal of Activities
Steve Chamberlain	LHS School Facilities Manager

## Seniors

Mishan Golshan  
Katherine Jiang  
Daniel Kao  
Lucy Mou  
Jocelyn Shieh  
Alric Siu  
Karthik Vemulapalli  
David Yan  
Annie Yang  
Robert Ying

## Juniors

Brian Axelrod  
Michelle Chang  
Myung-geun Chi  
Rishi Debnath  
Grace Deng  
Farhaan Khan  
Christina Lin  
Reo Sato  
Aneesh Sreedhar  
Emerson Sridhar  
Nikhil Unni  
Diane Wang  
Anne Wolfe  
Aaron Yuan  
Ali Zarrabi  
Jackie Zhang

## Sophomores

Akshat Agrawal  
Miles Chan  
Rahul Chander  
Michael Chang  
Andy Cheng  
Annie Cheng  
Andrew Deng

Edward Ding  
Rochelle Gatus  
Renee Huang  
Carlo Isola  
Toshitha Jagadeesh  
Abhishek Johri  
Maitreyee Joshi  
Michael Lin  
Eva Lomazov  
Jerry Luo  
Anurag Makineni  
Anchit Malwankar  
Aniruddha Rajesh  
Pradeep Sangli  
Reo Shibatsuji  
David Shim  
Aurea Siu  
Jamie Wong  
Darren Yang  
Vincent Yao  
Eric Yeh  
Qingqi Zeng

## Freshmen

Ishaan Agrawal  
Samir Ali Chaouche  
Rishabh Bhasin  
Raphael Chang  
Kristin Chen  
Eric Chiu  
Drew Cyrus  
Akshay Dalal  
Catherine Day  
Oliver Dong  
Patrick Dong  
Ishani Dutta  
David Fine  
Charles Gu  
Sahil Hasan  
Rex Hu

Charlie Huang  
Achilles Kanaris  
Jiwan Kang  
Aditya Kaushik  
Ashwin Kelkar  
Nikunj Khetan  
Dae Kim  
Sung Jin Kim  
Abhiram Kothapalli  
Katie Lam  
Winston Lan  
Megan Lau  
Patrick Lee  
Qing Yang Li  
Caitlyn Liao  
Jessica Lin  
Kevin Lin  
William Lu  
Ari Majumdar  
Mike Malagon  
Sneha Padmanabha  
Varun Parthasarathy  
Tony Peng  
Aditi Phadke  
Jessica Sheu  
Louie Shi  
Alex Shmakov  
Allison Tam  
Varshaa Thorali  
Manoj Vasishta  
Kenneth Vaz  
Julia Wang  
Matt Wang  
Cameron Yang  
David Yang  
Kevin Yang  
Steven Yang  
Brent Yi  
Claire Yuan  
Joshua Yuan  
Mandy Zen



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# Build Season 2012

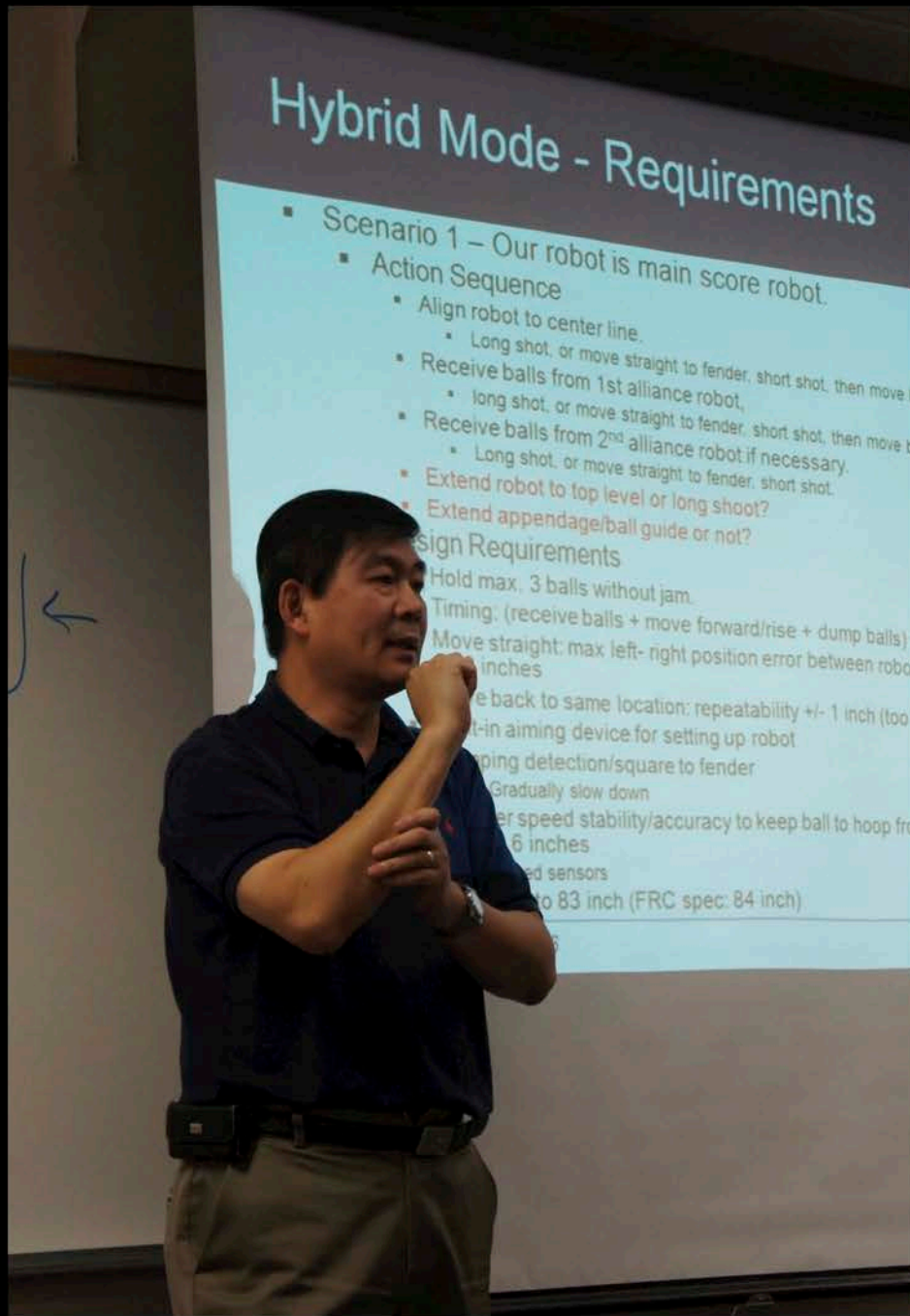
The new officer  
team rises from the  
horizon.



Co-Presidents Alric  
Siu and Annie Yang  
introduce new  
members to *FIRST*.

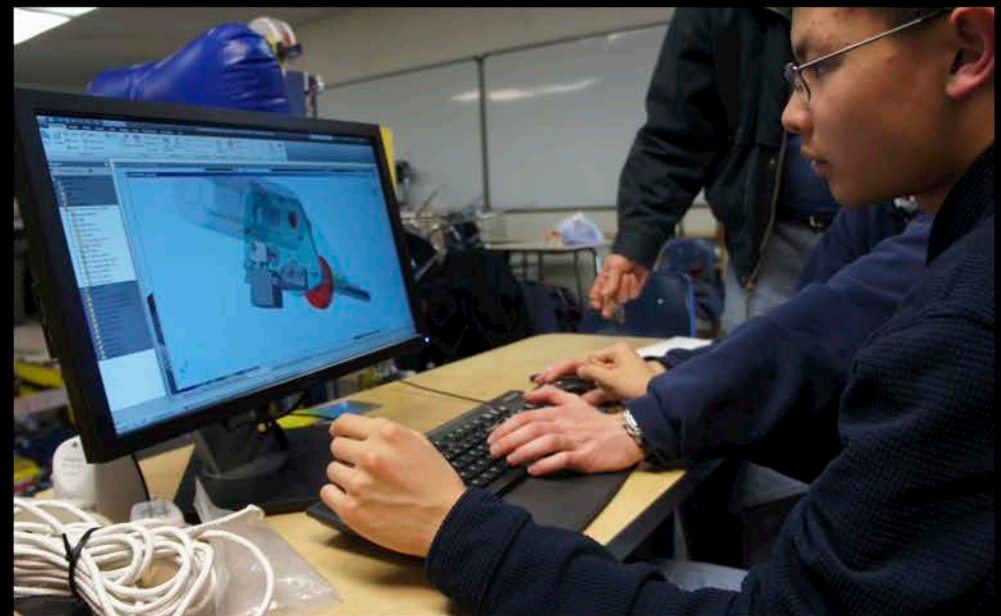






"We need a hopper to fulfill our strategy." - Mr. Xie

Mr. Lowd trying a new way to smooth out linoleum.



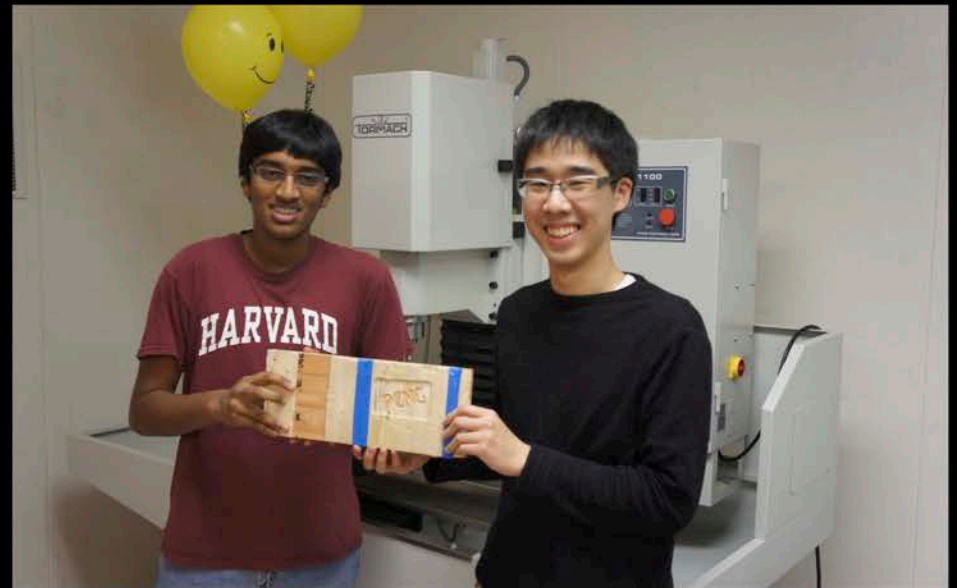
"My drivetrain design is epic." - Miles Chan





Mr. Hass, Anurag, and Akshat are ready to lift up 1296lbs.

Alric is playing tug of war with our new CNC.



Eric Yeh and Anurag Makineni show off the new CNC Tormach 1100's first creation.





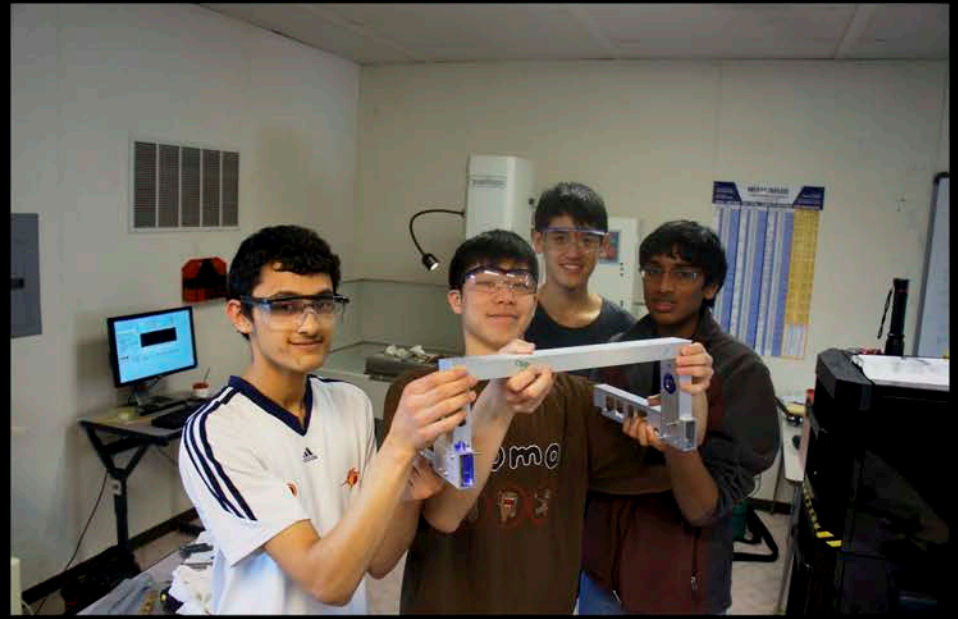
This is our new Computer Numerical Control (CNC) mill.





The sparks fly as Payton works on the grinder.

The monkeys make their first assembly.  
-Akshat, Michael L., David, Anurag



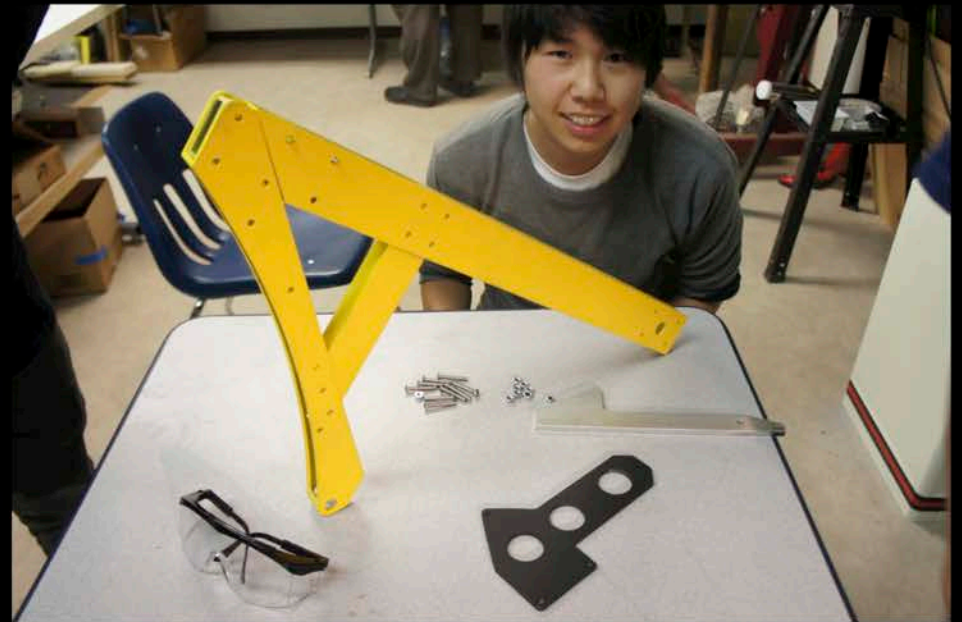
Sparks fly between Michelle and the chop saw.



Eva Lomazov and Mr. Lomazov working on vision targeting.



"My intimidator is installed." - Mr. Peake



The Tail of the Monkey takes form.

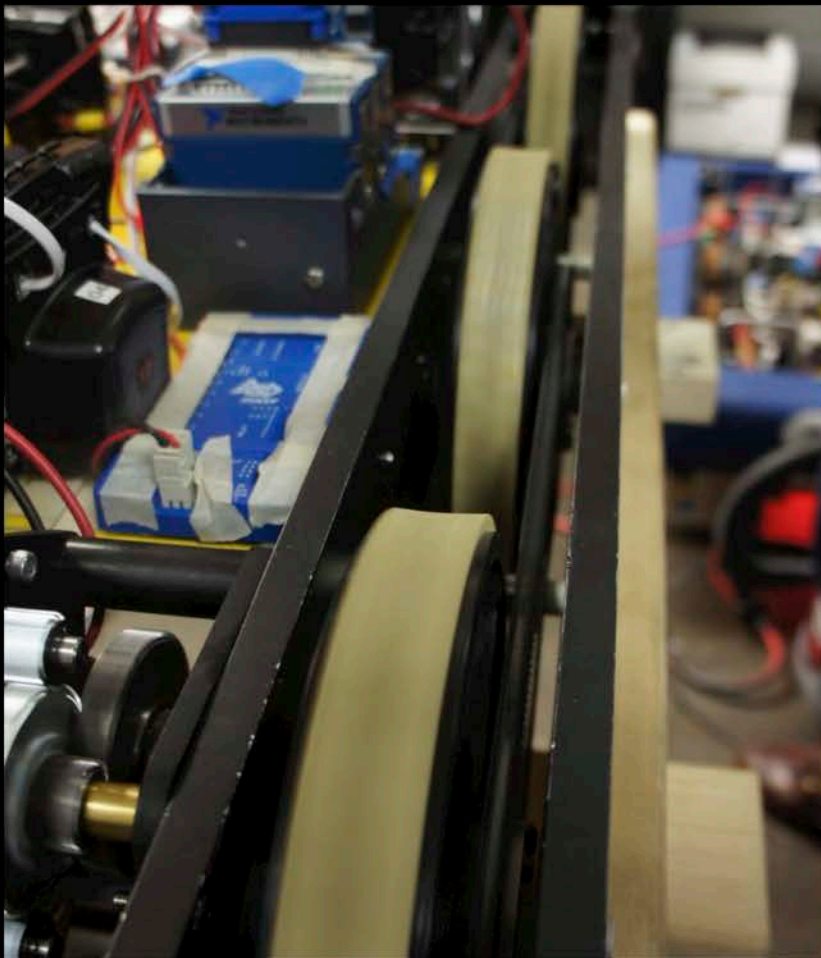
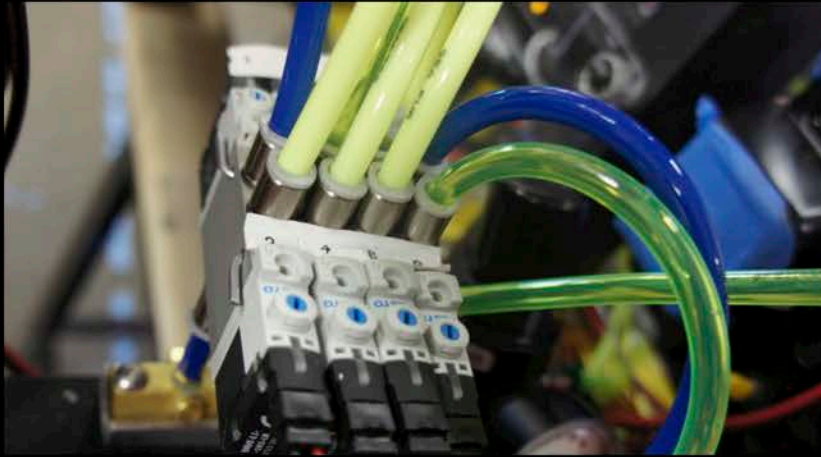




We <3 our mentors.

- Robert Yang, Diane Wang, Mr.G (Mentor), Annie Yang, Miles Chan, Vincent Yao





The Tail of the Monkey in all its glory.





Who is following the Tail of the Monkey to New York?

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# Offseason Events 2012





Brian is choosing his third Viking Alliance Member.

Aneesh and Vincent intimidate the other alliance with *the Real Monkey Face*.



The monkeys get funky to the macarena.







Who can build the tower with the cheapest price?



As usual, Annie wins again.



"Look, I have engineered a tower!" -Ari





The Blue Angels flying over the Golden Gate Bridge during Fleet Week.



"How much is this? I want one." - Rafael Chang



Aurea and Toshita  
smiling as they  
serve car owners  
pretzels and  
churros.



Frame of a  
Lamborghini  
Aventador showing  
at Concours  
d'Elegance.

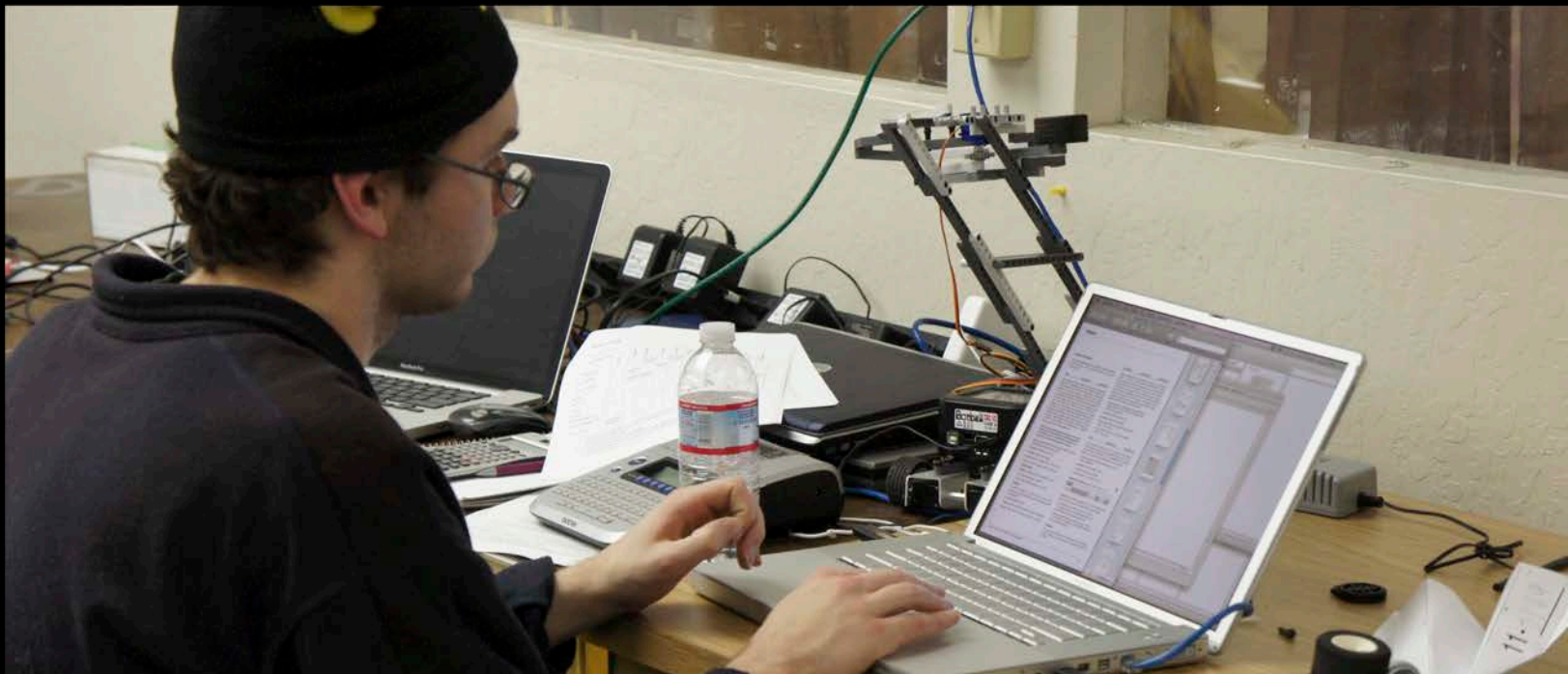




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# Community Outreach 2012

Andrew from Oak Grove programs his robot.



Michael L. and Miles help build a Botball robot.







Miller students excited as they dash to high five the monkey mascot.



The Funky Monkeys recruit new members from Miller Middle School.  
- Sarat, Irene, Michael L., Miles, Annie, Eric, Lucy



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# THANKS TO:



**BRIN/WOJCICKI  
FOUNDATION**



**MYC FOUNDATION**



**SONY**

**PERKINS GRANT**



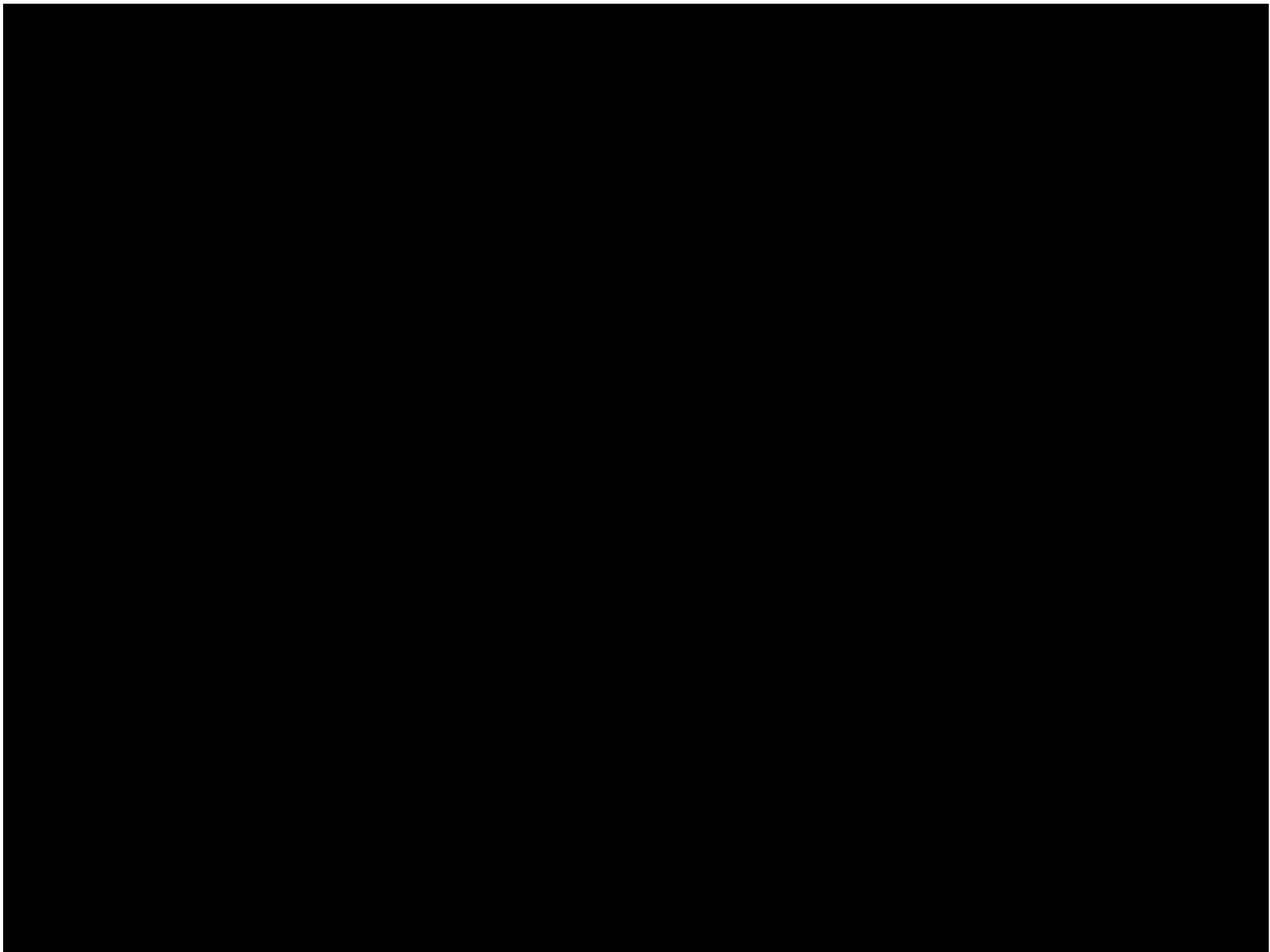














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