
ENG PLAY
PLANET OF THE ARTS

# Disclaimer

This production is a work of fiction and any opinions or statements presented during the performance do not necessarily reflect those of the Engineering Society, the Faculty, the University, or the cast/crew/directors/writers. Okay, maybe the writers.

Unless you are reading this on a Saturday... then they are not necessarily a reflection of the writers.

Names, places, thoughts, sounds, events, vapes, product placement are either the result of the creators' feverish imagination or used in a satirical manner. Except the smart bottle. That thing is totally a thing.

This play is not intended as a source of opinions, life coaching, or spiritual guidance. Side effects of attempting to use EngPlay in this manner might include a strong propensity to contact your ex in a drunken stupor and sporadically singing "Wrecking Ball" in public places.

University of Waterloo
UW Theatre Centre
Waterloo Engineering Society

EngPlay presents:

# Planet of the Arts: ~~A Musical~~

**Written By**

Michael Jonas & Robbie Lowles

**Technical**

| | |
|---|---|
| Producer | James Liu |
| Stage Managers | Natalie Pinchin<br>Simran Chathanat |
| Sets & Props | Rebecca Wong |
| Art Director | Jeremy Lan |
| Stage Crew | Johnny Normandeau<br>Nik Vanderveen |

**Directed by**

Michael Jonas & Robbie Lowles

# Director's Notes

At last, it's finally here!

When Jonas and I first started talking about his idea for a world gone upside by way of an AI, I was immediately interested. What started out as tossing a few ideas into his brainstorming document quickly grew into something much larger. It is one thing to write out daydreams in the margins of a page, it's another matter entirely to write a play to be put on for the entire university! How could I write an EngPlay when I've attended so few plays personally? Thankfully, Jonas was an expert at it, and managed to temper my dark jokes and outlandish ideas for the stage.

It has been quite an arduous journey to get here, but not in the way you might expect. The first draft of the script was finished in just a few weeks after a few marathon writing binges, but edits continued up until we actually printed off the copies for the cast. Even beyond the writing it was an adventure. Planning ads and marketing campaigns, thinking up set design, choosing audition pieces, picking actors, rehearsing, all the while balancing work, school, a broken leg, and personal hobbies.

But at last, you're holding this program in your hand which means you're either sitting in the seat waiting for the lights to go down or you're the person who's printing these things. So sit back, don't drink because that's not allowed in the theatre.

And enjoy the show!

- Robbie

This play is like a child to me. Nearly 9 months in development, dating back to when the idea was first conceived, and now here we are, about to witness the birth of a monstrosity. Robbie and I set out on a goal to make this the best EngPlay yet and we hope that is exactly what you are going to witness tonight.

From the late night writing binges to the countless logistics emails to actually getting EngSoc to give us money for this, it has been a thrill ride. A huge thank you needs to go out to all the cast and crew for helping us deliver this “baby”. Laughs were laughed, actors acted, directors directed, producers produced, crew crewed, and now, the play played. We hope you enjoy the show!

- Michael

# Synopsis

Three engineering students - Austin, Bob, and Claire - lock themselves in an apartment, shut off from the world, to study for exams. When they emerge to restock on food, they come to find that the technological singularity has occurred and an AI now rules the planet. This artificial super-intelligence has solved STEM, making most engineers obsolete, and now the world operates on an Emotions/Arts based economy. When the three discover that it is possible to visit the AI's headquarters and meet him, at a very steep cost, they embark on a journey to gather enough "wealth" so that they may meet and face the planet's ruler.

Along the way, they face many challenges, both physical and mental as they come to terms with the world around them and what it means for their futures.

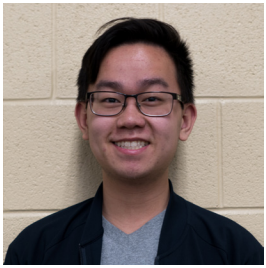
# Casting

| | As: |
|---|---|
| Nicholas Henriques | Austin |
| Elton Tang | Bob |
| Mackenzie Wilson | Claire |
| Alex Tobias | Smith |
| Lucy Gong | Lisa Monet, Chloe, Girl |
| Claudia Nashmi | Grace, Waterloo Rep, Girl 2 |
| Hailey Hubbard | Eclair, Jenn, Girl 3 |
| Reed Rodgers | Geo Dude, Bouncer, Blower 1 |
| Greg Sinclair | Blowy, Blower 2 |
| Andrew Dawson | Mario, Student Rep |
| Rafa Narciso | Feelix, Dod |
| Vatsalya Saini | The Guru |
| Jack Smith | Columbus |
| Aleksa Bjelogrlic | Softy, Dallas |
| Julien D'Alessio Doucet | Trevor, Same, Bro-in-Line |
| Robbie Lowles | Cencorchip Cteve, Stage Hand |
| Michael Jonas | Narrator |

# About the Cast

## Nicholas Henriques
**Mech 2020**

“They’re for my butthole”
- Jonas, 2017



## Elton Tang
**ECE 2021**

Good thing the directors didn’t look at Elton’s transcript when casting him as Bob.

## Mackenzie Wilson
**BME 2020**

Mackenzie: I should become a real engineer.
Also Mackenzie: Study biomedical engineering at waterloo.

## Alex Tobias
**Mech 2021**

Alex isnt actually real. You’ve just got a really good imagination.
Great job!

## Lucy Gong
**Mech 2021**

"Didn't you already have 2 dinners"
- Lucy's roommate to her at 3am

## Claudia Nashmi
**Chem 2021**

Claudia once made a bad pun in a job interview and laughed at it. She didn't get the job.

## Hailey Hubbard
**ECE 2021**

Hailey really wishes Nega Engineers were not a thing of fiction - mostly because English are hard.

## Reed Rodgers
**Management 2020**

After EngPlay, Reed is dropping out of engineering to pursue his lifelong goal of becoming the first commercially available flying car.

## Greg Sinclair

**Mech 2020**

It's not method acting if your role in the play is your job in real life.

## Andrew Dawson

**Mech 2020**

Don't be fooled, Andrew is Italian. You'll know because when he enters a room all you'll hear is:
"Shut the fuck up Andrew"

## Rafa Narciso

**Tron 2019**

The longest recorded chicken flight is 13 seconds. How inspiring is that?!

## Vatslya Saini

**Mech 2021**

"I need to get the discolouration on my buttflaps checked."
- Vatsalya, 2017

## Jack Smith
**ECE 2020**

Jack once bet a man $5 that
he didn't kick ass at the bass.
Jack lost.

## Aleksa Bjelogrlic
**ECE 2021**

Shoot for the moon!
And if you miss, your frozen
corpse will be a monument to
your failure.

## Julien D'Alessia Doucet
**Mech 2018**

"Julien has three modes:
Dick, asshole, and dick in asshole."
- A. M. B.

# About the Crew

**Natalie Pinchin**
**Nano 2020**

"I invented the Ass Master."
-Simran Chathanat

**Simran Chathanat**
**Nano 2020**

Inventor of the Ass Master


**Johnny Normandeau**
**Nano 2020**

#1 Grandpa.

**Nik Vanderveen**
**Tron 2019**

Uses his personality to deter women, as if his looks weren't already doing the trick.

# Design Team

## Jeremy Lan
**Tron 2019**

Jeremy makes beautiful things. He couldn't help the directors, though.

## Sarah Madigan
**ECE 2020**

Sarah isn't in it for the GEESE, she just wants to watch the world giggle nervously.

## Victoria Canning-Choi
**SYDE 2019**

Victoria has considered beating up her friends and stealing their lenses more than twice.

# Who Directed this Crap

**Michael Jonas**
**Tron 2019**

Was supposed to become a man at the age of 13. Now legal drinking age in every country, yet no less of a child.

**Robbie Lowles**
**Tron 2019**

Robbie has a general knowledge of many things that people couldn't give a shit about.

**James Liu**
**SYDE 2019**

James can't show his face because he just straight up looks like a butthole.

# Glossary I

Artificial Intelligence:
Will still fall prey to genuine stupidity.

BlackBerry:
Once they made headlines, now they make punchlines.

Blowers:
They Just Blow™

Biomedical Engineering:
Less accreditation than Conestoga College.

Brixton Nightclub:
Thursday is the new Friday! Classier than Phil's,
but greater than zero is not a useful metric.

Carleton Engineering:
The better engineering school in Ottawa,
I mean have you ***seen*** those flight suits?

Coors:
250 ppm Horse Piss in $H_2O$.

Disruption:
A new market and value network within or along side an existing market, siphoning its resources and mind share like some technological leech.

Elon Musk:
An alien trying to get back to his home planet.

Engineering 5 (E5):
The perfect place to get your profile picture taken. Wow! So professional!

F E R I D U N: President of the University of Waterloo.

# Glossary II

Geese:

A bird found in gaggles around the UWaterloo campus.
See also: Incarnations of Satan.

G.E.E.S.E:

General Emotional Exchange Service Euros.

Intercourse: N/A

JobMine:

A co-op system like a car running despite the rust spots.
See also: “WaterlooWorks”

Kinesiology Students:

Earning degrees one workout at a time.

Mechatronics Engineering:

See also: “commitment issues”.

Phil’s:

A sleazy club in Waterloo know for its cheap drinks, sticky floors, and sticky patrons.

P=NP (or Travelling Salesman) :

The P versus NP problem is a major unsolved problem in computer science. Informally speaking, it asks whether every problem whose solution can be quickly verified by a computer can also be quickly solved by a computer. The underlying issues were first discussed in the 1950s, in letters from John Forbes Nash Jr. to the National Security Agency, and from Kurt Gödel to John von Neumann. The precise statement of the P versus NP problem was introduced in 1971 by Stephen Cook in his seminal paper “The complexity of theorem proving procedures” and is considered by many to be the most important open problem in the field. It is one of the seven Millennium Prize Problems selected by the Clay Mathematics Institute to carry a US$1,000,000 prize for the first correct solution. The informal term quickly, used above, means the existence of an algorithm solving the task that runs in polynomial time, such that the time to complete the task varies as a polynomial function on the size of the input to the algorithm (as opposed to, say, exponential time). The general class of questions for which some algorithm can provide an answer in polynomial time is called “class P” or just “P”. For some questions, there is no known way to find an answer quickly, but if one is provided with information showing what the answer is, it is possible to verify the answer quickly. The class of questions for which an answer can be verified in polynomial time is called NP, which stands for “nondeterministic polynomial time.” Consider the subset sum problem, an example of a problem that is easy to verify, but whose answer may be difficult to compute. Given a set of integers, does some nonempty subset of them sum to 0? For instance, does a subset of the set {−2, −3, 15, 14, 7, −10} add up to 0? The answer “yes, because the subset {−2, −3, −10, 15} adds up to zero” can be quickly verified with three additions. There is no known algorithm to find such a subset in polynomial time (there is one, however, in exponential time, which consists of 2n−n−1 tries), but such an algorithm exists if P = NP, hence this problem is in NP (quickly checkable) but not necessarily in P (quickly solvable).An answer to the P = NP question would determine whether problems that can be verified in polynomial time, like the subset-sum problem, can also be solved in polynomial time. If it turned out that P ≠ NP, it would mean that there are problems in NP (such as NP-complete problems) that are harder to compute than to verify: they could not be solved in polynomial time, but the answer could be verified in polynomial time.Aside from being an important problem in computational theory, a proof either way would have profound implications for mathematics, cryptography, algorithm research, artificial intelligence, game theory, multimedia processing, philosophy, economics and many other fields.

Polynomial time solution:

A very quick solution to a problem

# Glossary III

Queens:

Contrary to popular belief, the world revolves around the students at this school.

Recursion: See “Recursion”

Dr. Racket:

What if you could program with only recursion?

Salty:

See also: Robbie

Silicon Valley (The Place):

Like the GTA but with technology instead of housing. Where you go to be successful, or something...

Silicon Valley (The show):

A TV show that we didn’t use as inspiration for any jokes in this play. At all. We mean it.

Softie (Software Engineer):

+2 to intelligence and job opportunity.
-2 to charm, wit, humour, and communication skills.

Systems Design Engineering:

“S-Y-D-E, what is systems don’t ask me!” - SYDE students.

U of T:

Commuters and Waterloo rejects rejoice:
this Skule is for you!

Velocity Garage:

INNOVATIONS made in a GARAGE with a BOX OF SCRAPS.

WaterlooWorks:

A $600 juicer. See also: “JobMine”

Thank you supporting your local cult.

We hope you enjoyed the show!

Cast and crew $$$wag provided by:

With special thanks to the
Waterloo Engineering Society