

NEWS FROM COMPUTER SCIENCE AND ENGINEERING

Written by the CSESoc Omega Team
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Edited by the CSESoc Omega Team

Omega

Beta Issue #91
Prima-Aprilis Edition
Week 5 Session 1, 2014

Free as in speech and our awesome BBQs.

FEATURED, CSE SOCIETY & EVENTS

Beta Head Steps Down

With the end of an age comes the dawn of another

It is with my deepest regrets to inform you, my beloved readers of Beta, that I will not be your Beta Head any longer.

Lately, I have been having second thoughts about being the Beta Head of CSESoc and I'm sad to say that Beta will no longer continue. I want to thank everybody for their support throughout the semester and to the amazing Beta team, who help me to produce the fortnightly magazine. However, even though I am resigning, it doesn't mean that Beta will die... it will continue to live on within our hearts. Beta is an old friend to most of us, and here at CSESoc, we believe that the power of friendship trumps all other powers, so we will not just leave Beta behind, but we shall evolve it. As I step down as Beta Head, I come to you as CSESoc's Omega Head. So let me present to you: CSESoc's Omega Magazine!

That's right! Beta is taking its next step and will now be known as the Omega magazine, signifying the final stage of our beloved magazine. I'm sure that many of you have been looking forward to the day when Beta finally comes out of Beta and steps out into the spotlight so wait no longer my friends, for that day is today. This

is one of the most heavily anticipated moments for the magazine, and with the 100th Beta coming closer, the executives and heads of CSESoc decided that an upgrade was necessary if we wanted the magazine to go on ahead.



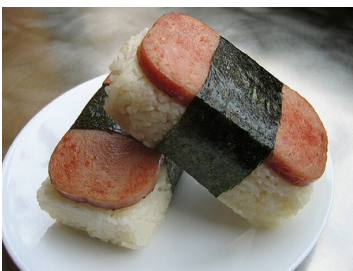
The rise of a new age

"What does this mean for me?", I bet you're wondering. Well firstly, it means that there will be a whole new template for the magazine. There is going to be a new section: the Underheard section, which is for posting things that you didn't hear, hence allowing the Overheard section to be free from false submissions. Further, to commemorate the start of the Omega magazine, we will be introducing the Ω -Harmony section, which is for CSE students looking for dates around Kingsford. That's not all though! Along with all of these cool new sections, Omega will be featuring a horoscope section especially for CSESoc, so you know how your day will turn

out, and how you can improve it.

One of Omega's hot new features is that it will be in 3D, that means that you can even TOUCH the magazine, rather than it just being a 2D object. Since the Omega will be 3D, naturally we want to take advantage of this to make it touch compatible. Now you can turn that page just by swiping your finger along the side of the page. It can even reverse by swiping your finger from left to right! Probably the most important and useful part of Omega is that since it is 3D, you can now use it as toilet paper. Who needs toilet paper when you have eight pages of pure hard Omega? Finally, this 3D Omega can be a great supplement for vitamins and minerals. Since it is made from natural resources, trees, it doesn't have any of that fake stuff which you find in your instant noodle packets or fast food, meaning it's probably healthier than anything else that you'll eat today. The healthiest part however, is the third page of the magazine, which has been changed so that it is the perfect supplement for Omega-3, after all, it is the third page of the magazine so it's gotta be the same, right?

CSESOC OMEGA HEAD



Black Gold Under J17 - page 2
Sausage succumbs to Spam - page 2



CSESoc First Year Camp
- page 3



Facebook buys Beta - page 4
Voice Activating Printing - page 4

NEWS, UNIVERSITY

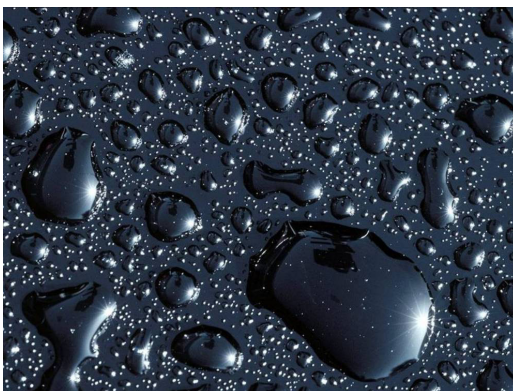
Black Gold Under J17

Oil has been found during construction work on the Mechanical and Manufacturing Engineering Precinct Development Project. This recent discovery likely contains more black gold than in all of Saudi Arabia, with over \$50 trillion worth of oil under J17. A consultant to 50 Governments and 10 multinational oil companies told reporters, "It's one of the key prospective territories in the world at the moment".

To the students at UNSW, things may never be the same again. With the federal government recently cutting funding to the higher education sector, UNSW would be unable to resist the prospect of extracting this oil.

This find will create immeasurable

disruption to student life. Plans to construct the new Mechanical Engineering building will be put on hold, and an oil rig will be constructed in its place. Due to health and safety con-



cerns, all classes held in neighbouring blocks, such as K17, will need to be moved elsewhere. A few students have

already started agitating to stop the proposed oil rig. The leader of this movement declared, "It is now disappointingly clear that UNSW views this discovery as another shot of income to put towards lining its own coffers instead of improving student life."

Some computing courses may be moved to the City campus. This would also ease the current strain on buses from Central to UNSW, as recently staff and students using the 891 bus service have become aware of excessive queues in the mornings at Central Station.

SAVINKA WIJEYERATNE

CSE SOCIETY & EVENTS

Sausage Succumbs to Spam in CSESoc BBQs

Spam reigns Supreme

It's been a long time coming, but this week, CSESoc has finally made the bold switch from sausage to Spam as their meat of choice.

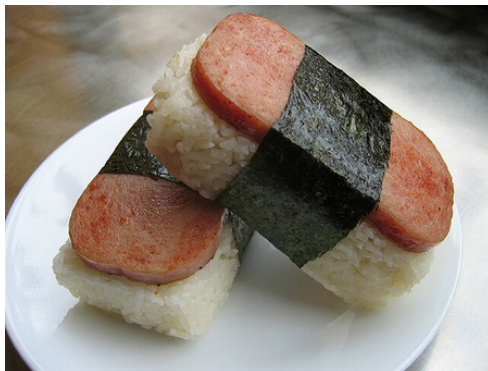
Known as a popular food amongst Vikings, Spam has always been known to possess an unearthly quality of flavour and texture that well surpasses sausages, and arguably all other meat. A deep manifestation of passion and succulent meat is truly what makes Spam the legendary meat that it is today. CSESoc recognises Spam's transcendence above sausage, and now endeavours to bring Spam's unique taste to all BBQs. They really just want to give you their best meat.

To celebrate a new era in CSESoc BBQs, a few special dishes will be offered for this week only:

- Lobster Thermidor aux crevettes with a Mornay sauce, garnished with truffle pâté, brandy and a fried egg on top, and Spam

Other menu items for this week only include:

- Spam, Spam, Spam, Egg and Spam
- Spam sushi



- Spam, Spam, Spam, Spam, Spam, Spam, Baked Beans, Spam, Spam, Spam and Spam

CSESoc has also written a collection of haikus:

At their BBQs,
CSESoc now gives SPAM.

Tasty SPAM for all.

Computing students,
Gather round and eat the SPAM.
Be one with the SPAM.

Be one with the SPAM,
Let SPAM take over your life.
SPAM will reign supreme.

SPAM will guide us all,
To a new age of living.
SPAM WILL LEAD US THERE!

And finally, from CSESoc's Omega Head himself, a catchy song just for our beloved barbecues:

Spam Spam Spam
Three times a day,
Spam Spam Spam,
Keep the cavaties away,
Spam Spam Spam
Three times a day.
Spam spam all the way!

JOSHUA ELLIOTT

0/10 would **not** recommend



After three stressful hours of mental labour, we sat around the crappy and smokey campfire, listening to the ear wrenching outback harmonies and dissonance melodies of Pierre and Josh. The guitar and violin duo sung of their babies, with lyrics so passionate that tears arrive'dth at thine eyes (or maybe it was the smoke from the fire). Oh! And it was also Pierre's birthday that day and we had a huge cake to

And of course that shady girl who we like to think is trying start a nice conversation with you... But immediately leaves you after she has stolen the confidential information of your name... The one known on the streets by the name “Kitty”, wins the award for “Se-

To the readers of this article: Remember to always celebrate Pierre's birthday, for according to the law of CSE, it is his birthday every day. It is a truly remarkable experience and is what makes CSESoc First Year Camp bearable.

IVOR METCALF

NEWS, CSE SOCIETY & EVENTS

Facebook Buys CSESoc's Beta

They can have it. We have Omega now.

I'm excited to announce that we've agreed to acquire CSESoc's Beta, the leader in computing student newsletters, for \$2048.

Our mission is to make the world more closed and unconnected. For the past few years, this has mostly meant building mobile apps that help you share with the people you don't care about. We have a lot more to do on mobile, but at this point we feel we're in a position where we can start focusing on what platforms will come next to enable even more useless, mundane and impersonal experiences.

This is where CSESoc comes in. They build computing student newsletters, like the Beta. When you read it, you enter a completely immersive computer-printed environment, like a textbook or a carved stone tablet. The incredible thing about the technology is that you feel like you're actually reading something good and this justifies you not having to talk to anyone. People who try it say it's different from anything they've ever experienced in their lives.

Beta's mission is to enable you to experience the impossible. Their technology opens up the possibility of completely new kinds of experiences.

Immersive reading will be the first, and Beta already has big plans here that won't be changing and we hope to accelerate. The Beta is highly anticipated by the computing community, and there's a lot of interest from computer science students in building for this platform. We're going to focus on helping Beta build out their product and develop partnerships to support more newsletters. Beta will continue operating independently within Facebook to

achieve this.

But this is just the start. After newsletters, we're going to make Beta a platform for many other experiences. Imagine avoiding contact with people at basketball games, in the classroom, or at CSESoc events -- just by reading the Beta.



This is really a new anti-communication platform. By feeling truly antisocial, you can maintain personal spaces and experiences and not share them with the people who are in your life. Imagine avoiding moments with not just the people on the internet, but even the people around you.

These are just some of the potential uses. By working with authors and editors across the industry, together we can build many more. One day, we believe this kind of immersive, antisocial reality will become part of daily life for billions of people.

Avoiding others was once the dream of dystopian fiction. But the internet was also once a dream, and so were computers and smartphones, all of which enable us to avoid other people. The future is coming and we have a chance to build it together. I can't wait to start neglecting the whole team at Beta to bring this future to the world, and to prevent interactions for all of us.

MICHAEL NAM LEE
SPOKESMAN FOR FACEBOOK

CSE SOCIETY & EVENTS

CSE Releases Voice Activation Printing Module

The School of CSE has recently informed CSESoc that with the recent update to the CSE printers, a voice activation module has been installed. The module is still in testing by UNSW and has some bugs, but we thought we would let you know so you can try it out for yourself. This should work on all UNSW printers, but has only been tested on the CSE printers.

To begin, say "voice on", followed by "printer start". These commands activate the module and start it listening for commands. You will then need to authenticate yourself by speaking your zID. After authenticating yourself,

printing is easy.

To print a job, you can say "Printer Print Job <n>", or even more simply "Printer Print" to print the job from the top of your queue. You can also "Printer Delete Job <n>", and "Printer Logout". CSE has told us that "more commands will be available as time goes on".

Remember that since the module is in Beta, it may take time to calibrate, and so you may be required to repeat commands until they are recognised.



JOHN WISEHEART

News in Brief

UNSW CSE merges with BIT

UNSW has decided that since the general populace sees CSE and BIT as the same things, why don't we merge them? So late next semester, CSE and BIT will be merging together. Emails will soon be sent out regarding this, and polls will be taken about how people feel.

Subway Station under Anzac Pde

The City Council and UNSW have been discussing for some time now the proposal of a subway station under Anzac Pde. The long bus queues between Eddy Avenue and Anzac Pde opp High St are at an all time high with queues reaching up to two hours. A subway station is hence going to be built under Anzac Pde solely for travel between Central and UNSW.

Tyree convertible sunroof

Energy Australia and Renewable Energy Companies are complaining about Tyree using too much energy despite being an building for researching sustainable energy technologies. Hence Tyree is being forced to build a convertible sunroof to replace its electric lights. In the case of rain, a sheet of glad wrap will cover the gap so that the inside of the building doesn't become drenched.

Apple to sponsor CSESoc

Apple plans to build a chapel where the John Lions Garden once was to promote religious diversity in UNSW CSE. This bribe hopes to allow them to get into CSESoc's good books, like some of our other sponsors, who can be seen on the back of this Beta edi-

tion. The new building is going to be called the "Apple Chapel", and to further declare their support, they will be providing apple sauce for our free Monday barbecues. Other things that they are offering us include the "Apple Chapstick", and "Apple Chaperones" for those who can afford them.

Nintendo buys RuneScape

Nintendo has been losing a lot of money in recent years, and is taking desperate action. Last Saturday, they just bought RuneScape for \$40 billion, which is more than double its projected value of just under \$20 billion. RuneScape will be out for Nintendo's handheld consoles, the 3DS and 2DS, and may appear on the Wii U, if the demand is there for it.

ANGELO TAMAYO



LOVE & RELATIONSHIPS

Ω-Harmony

Beat the odds, Bet on Love with Ω-Harmony

Now that Omega is 3D, matchmaking can be made both possible, AND physical! Have you ever been sitting down working on some code, eating pizza, and wondered: "Is there somebody out in the world who would feed me my pizza while checking my style for me?" Well now you can find out!

Ω-Harmony is for everybody! You don't have to go on girlfriends to stalk that one girl or guy you've had a crush on since first year, when they pointed out that you forgot a semicolon in your code. With Ω-Harmony, you're given their whole timetable, where they live, which classes they plan on skipping, whether or not they're half-Japanese, and even whether or not they're the mafia! It's that accurate and awesome! There are two options to sign up for Ω-Harmony:

1. Submit your name, degree, contact details, and a short description of yourself to:
csesoc.beta.head@cse.unsw.edu.au, and your submission will go through an extremely complex algorithm to match you up with another person in our database.

♡ Harmony

2. Fill out the following form:

Name	
Degree	
Email	

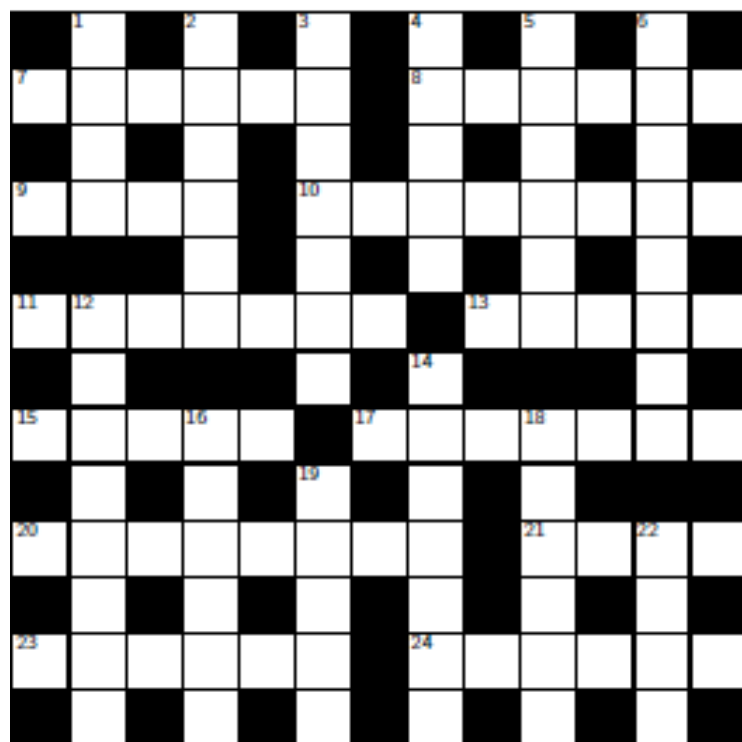
and just leave the Omega open on this page somewhere in the Society office in Room 306 of the K17 Building, and just wait for someone interested to message you!

The possibilities are endless! With Ω-Harmony you're bound to meet someone who will respect you and whom you just click with! No more hopping through bars, meeting sleazes who try to touch your beautiful elbow. No more wasting months dating that guy you just found out doesn't even know Python. And no more hunting for boyfriends and girlfriends at World 5 of Lumby. At Ω-Harmony, everybody is awesome, so meet other awesome people like yourself!

CSESOC OMEGA HEAD

ENTERTAINMENT

Crossword



Down

1. Exercise authority over
2. Not rough
3. Relating to a unit
4. Set of vertices and edges
5. Having magnitude, not direction
6. Group subset preserving closure
12. X axis on an argand diagram (4,4)
14. True or False
16. Potion
18. One sided shape
19. Reference to array element
22. Not closed (sometimes)

Across

- | | | |
|--------------------------------|--|-------------------------|
| 7. Man with a gun | 11. Art of firing arrows | 21. Zero of a function |
| 8. Recover | 13. Family of birds | 23. Inverse of multiply |
| 9. Nothing | 15. Acts of selling | 24. Not awake |
| 10. Study of shapes and spaces | 17. Hinged grasping instrument | |
| | 20. Representable as a ratio of integers | |

OSWYN BRENT

Omega's All New Find-the-AAA!

A	S	A	A	A	A	C	A	A	A
A	A	A	D	A	A	A	A	A	A
A	B	A	A	A	A	A	B	B	A
A	A	A	A	Z	A	K	J	A	O
A	A	I	A	A	M	A	W	A	Q
A	A	A	P	A	A	B	A	V	A
A	A	C	A	A	W	A	A	A	A
U	I	A	D	A	A	W	A	Q	A
Z	A	A	A	A	F	G	S	A	A
C	A	X	A	A	A	R	A	Y	A

Last Edition's Crossword:

F	U	S	S		L	O	Y	A	L	I	S	T
U		P		M		F		D		N		I
T	H	E	R	E	O	F		L	A	D	L	E
U		E		T		E		I		U		R
R	A	D	A	R		N	E	B	U	L	A	
I					I		D			G		S
T	W	I	T	C	H		O	B	J	E	C	T
Y		M					B		I			R
	S	I	L	V	E	R		S	C	O	P	E
G		T		E		U		E		B		S
O	N	A	I	R		N	U	C	L	E	U	S
O		T		S		E		T		S		E
F	R	E	N	E	T	I	C		R	E	A	D

Aim: Find every single "AAA" on the board! Letters are reusable and all directions allowed.

ENTERTAINMENT

Horoscopes

Pisces (Feb 20 - Mar 20)

The Moon and Mercury are getting closer together. Even if you are hiding under a rock, your true love will come to meet you as you strive toward your goal. However, your arch nemesis will be lurking in the shadows, waiting for the opportune moment to strike. Beware of those under the sign of Virgo.

Aries (Mar 21 - Apr 20)

As the Moon and Mercury pull closer to one another, the Sun and Venus are being dragged further apart. You and your true love will encounter some brief problems, however, eventually you will get through them if you bribe me say, \$400 and send it to this account: <censored by the editors>. Otherwise, if things don't clear up between you two, maybe you need to reconsider your relationship.

Taurus (Apr 21 - May 21)

Even Bulls can get their horns stuck. Sometimes it pays to ask a friend for advice. Your friends can see you struggling, and want to help, but you need to let them in, and only then will you realise that friendship is worth more than the career which you are trying to further. Step out of your shell and you'll be swell!

Gemini (May 22 - Jun 21)

You will undergo extreme pain this coming week. Pain that is unimaginable in the human plane, burning hotter than the fires of hell, yet colder than the frozen heart of Kerrigan. Do NOT ask your friends for help, or you'll only drag them into the pain with you. Don't worry though, after all of this is over, it will be your Sagittarius enemy's turn.

Cancer (Jun 22 - Jul 23)

The Sun is at one of its hottest points of the year, and as it approaches, you will know great wealth. Be sure to be loyal to your friends, but don't

forget your family too. It is up to you to decide whether or not you want to endanger your friendship with your closest friends, yet live the life of a tycoon, or continue living life as it is now.

Leo (Jul 24 - Aug 23)

Beware of your friends, for you owe them a great deal. A Leo always pays his debts, and going back on your word will land you in great trouble, especially with your Capricorn friends. As Mars shines in the sky, so too will your happiness should you choose the right path. Remember those who have helped you, and true happiness will come to you when the camel begins to moan.

Virgo (Aug 24 - Sep 23)

Pluto cries out to the other planets: "Please, let me be one of you again!" It is up to you whether or not you want to include other people into your lives. Sometimes it's best to apologise first, for friendship is worth more than your pride.

Libra (Sep 24 - Oct 23)

Life may be busy right now, but at times in life, solitude is the best answer. Quiet reflection can get you far in what you need to do or otherwise, the beasts of stress will devour you in your sleep. You will not know peace before you die, and you will beg for death before the end. Stress is evil.

Scorpio (Oct 24 - Nov 22)

Celebrate in the fact that you are a Scorpio. Laugh at your Libra and Sagittarius friends, who only just missed out on the best Zodiac sign around. There is only one thing that you know: success. Everybody likes you, but don't let that get to your head. Even though everybody likes you, sometimes it's best to just transcend humanity and become something more: a superhuman. The Incredible Hulk needed to get angry to

reach his full power, but Scorpios just have to exist. Good on you for being awesome.

Sagittarius (Nov 23 - Dec 21)

Watch where you point your bow, you may shoot something that will fight back. You need to pick your fights smarter, otherwise you'll land yourself in a huge problem that the only way to get out of is a battle to the death. As the Moon begins to wane, so do your powers, so just be patient until you reach your full strength and then unleash it like a wild tornado.

Capricorn (Dec 22 - Jan 20)

You were born under the sign of a goat. Maaa-maaa. Maaa-maaa. You are on a goat. You are on a goat good sir, look at you cos you're standing on a goat. You were born under one of the lesser signs but it doesn't matter if you weren't born as a natural at everything, for there is nothing that applying yourself fails at. You may not be the quickest learner, but if you try your hardest, you may be able to reach high places, but not as high as a natural genius, so if you're up against them, just give up.

Aquarius (Jan 21 - Feb 19)

This star sign is just silly. I mean, you already have Pisces, a Fish, so why do you even need a Water Bearer? I mean seriously, it's the least creative Zodiac sign around. Like, imagine that you're walking down the street looking at all these cool lions, centaurs, and bulls, and suddenly you see a guy struggling to walk with a huge urn of water slung over his shoulder and you ask him: "What's up? What's that for?" and he replies "I'm the Water Bearer". How uncool is that? Anyways your horoscope: Life is not a mystery to be solved, but a reality to be experienced.

CSESOC OMEGA TEAM



CSE EVENTS AND SOCIETIES

Upcoming Events

CSESoc Weekly Barbecue

Every Monday 1-2pm

Physics Lawn

Come for your weekly dose of free barbecue, and pick up a fortnightly Beta while you meet your friends, and hopefully make new ones!

Unlimited Laser Tag, Bowling, Pool and Karaoke

Monday 31 March 6pm

Strike, Entertainment Quarter

Cost: \$15 for unlimited laser tag, bowling, pool, karaoke
CSESoc is having an UNLIMITED Laser Tag, Bowling, Pool and Karaoke Night! All of those fantabulous fun things WITH NO LIMITS, LITERALLY LIMITLESS. Shoot your first, use big heavy balls, swim with billiards and sing your heart out as CSESoc heads towards Strike in the Entertainment Quarter!

Git Workshop

Thursday 3 April 2-4pm

Seminar Room, Level 1 K17

Do you want to learn what git is and why it's an awesome tool for code projects? Do you want to learn a great skill you will keep for your whole coding career? Did you take COMP2041 and only bother to learn three git commands? Are you far too lazy to read tedious things like documentation? This free workshop is for you!

Interview + Q&A with Atlassian Founder Scott Farquahar

Thursday 3 April 5:30-8pm

Seminar Room, Level 1 K17

CSESoc and Entrepreneurship Society present an interview and Q&A with Atlassian Founder Scott Farquahar!



CSESoc Unlimited
LASER TAG, BOWLING, POOL AND KARAOKE

Date: Monday, 31st March
Time: 6pm
Where: Strike, Entertainment Quarter
Cost: \$15 for unlimited laser tag, bowling, pool and karaoke

Logos: accenture, CSE AND ENGINEERING, Jane Street, pwc, freelancer.com, ATC CLUBS SUPPORTED BY ATC INDEPENDENTLY RUN

CSESoc OMEGA TEAM

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