



GREEN POINT CHRISTIAN COLLEGE

Why Software Design and Development

University Prep Course

This course is closely tied to the same content taught at local universities so that students are better prepared for programming at university.

Jobs

There is a high demand for quality programmers. Students who have completed this course are currently employed as programmers.

Enjoyment

Programming is all about problem solving. At times frustrating and others, absolute joy. As with all things difficult, there is an enjoyment when we start having success.

University Prep Course



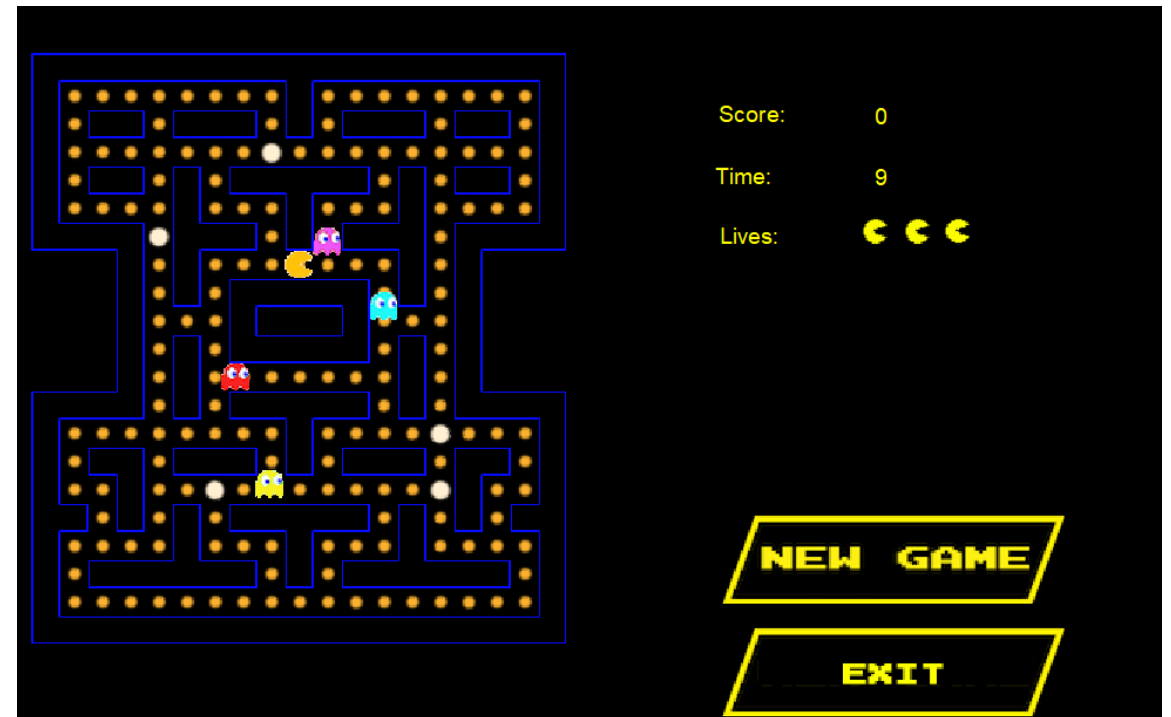
A surprising number of degrees require programming.

Currently, very few students experience computer programming until they get into university.

Engineering, Mathematics, Business are just some of the university faculties that require programming.


The following universities use Java as their primary programming language:

- University of Newcastle
- University of Technology Sydney
- Macquarie University
- University of NSW



Student project 2018

Jobs


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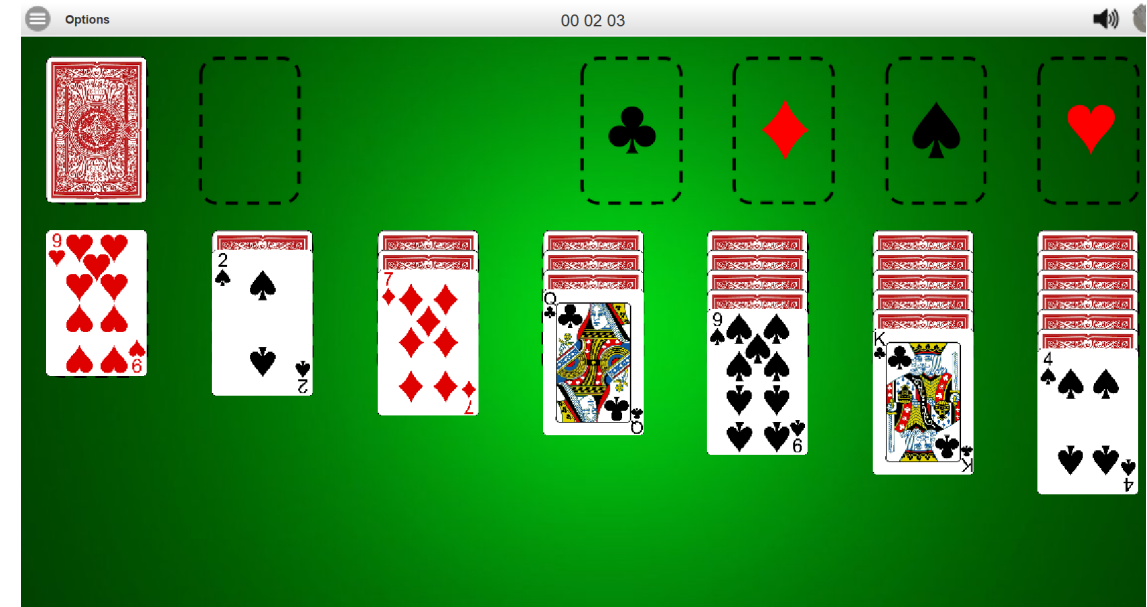
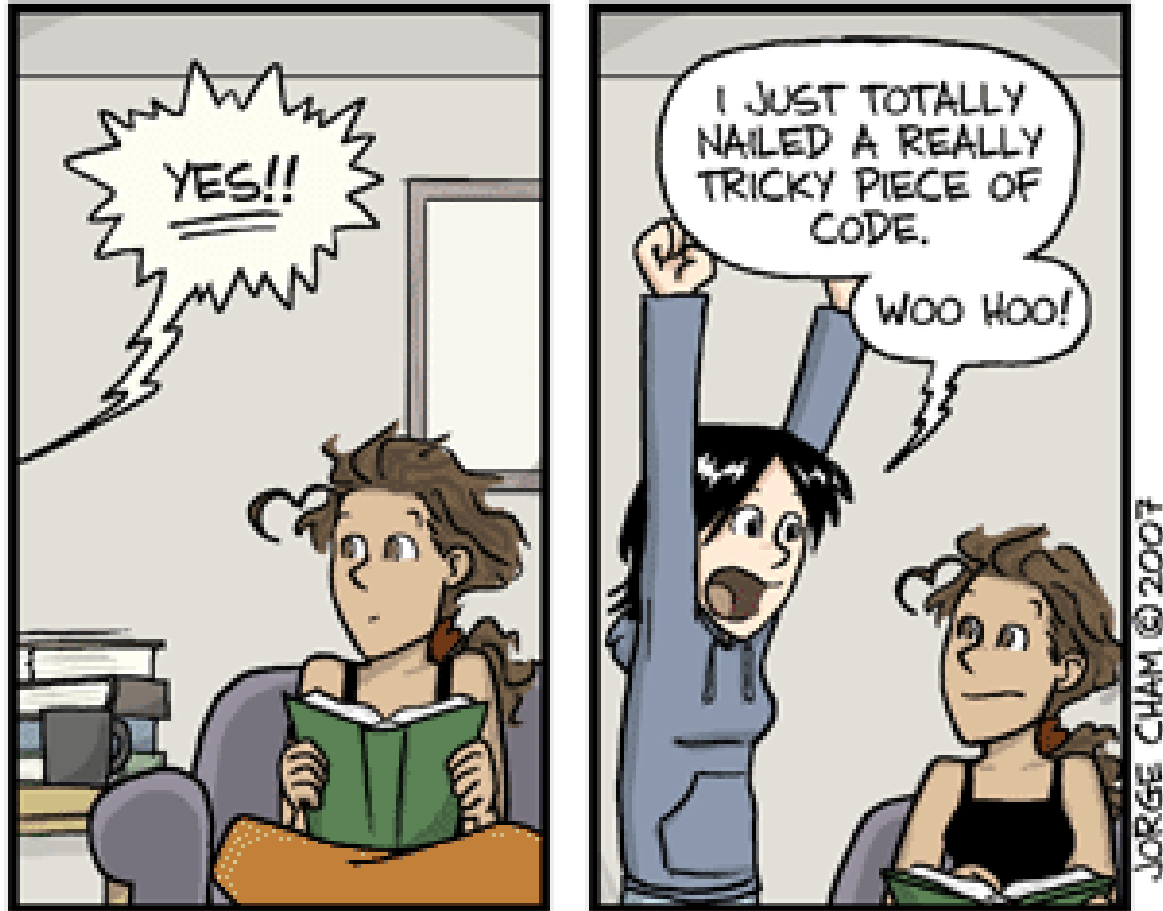
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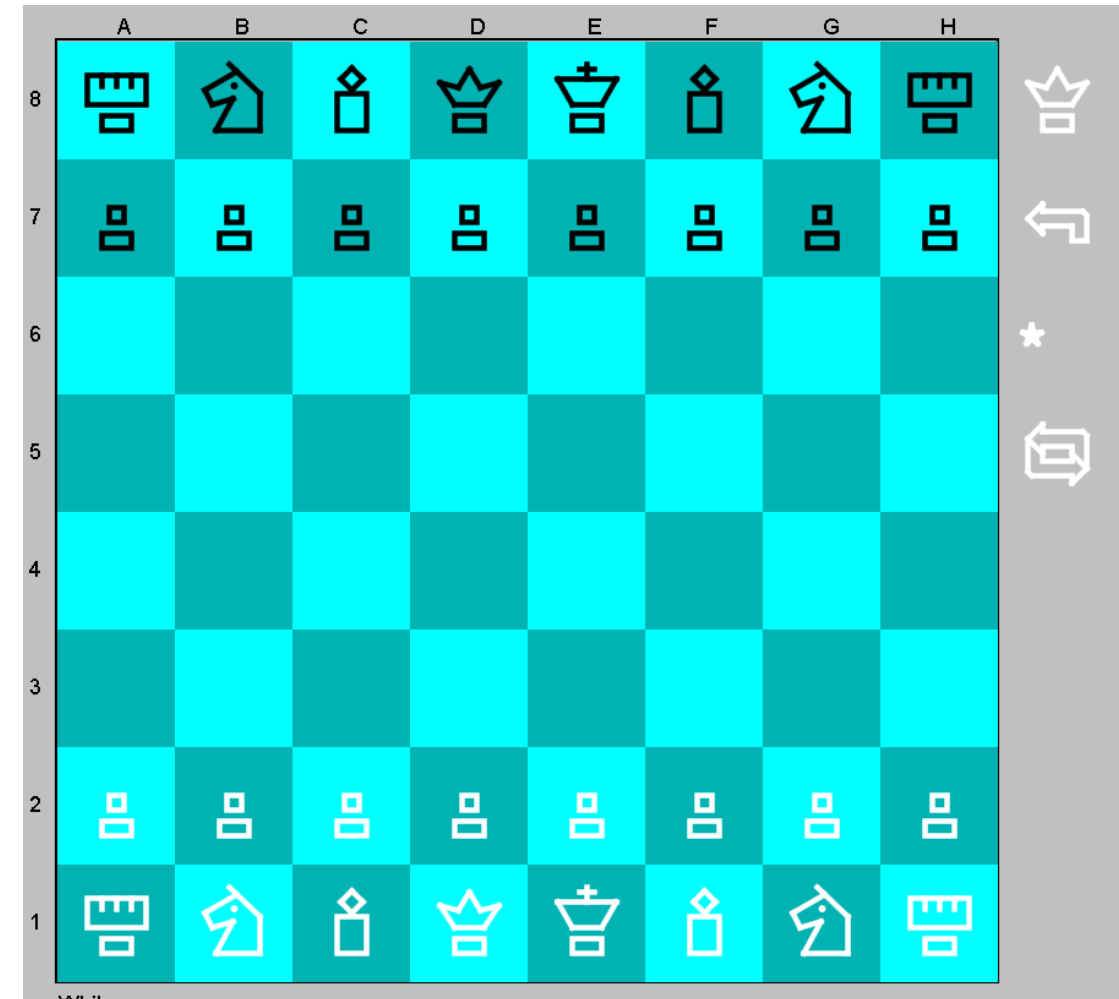
Enjoyment



Student project 2017

Is SDD the right course for you?

Pro's	Con's
Once you get into a task they are very rewarding to complete and you will want to challenge yourself and complete them.	It takes effort to solve problems and it will take effort to complete this course well.
Close links to university courses, if you plan on Engineering, Computer Science, IT, etc. then this course will help greatly	Theory and Practical are throughout the course. Approx. 45 minutes each lesson theory, 30 minutes coding.
Jobs are available with good pay	
No experience needed.	



Student project 2016

Feedback from students



March 18 · 🌐

1 year later another appreciation post for Mr Newell for teaching me binary so I don't need to attend 9am lectures.



Luke Phillips and 5 others

1 Comment Seen by 29



Like



Comment



Matthew Newell

I do love hearing what I taught you all has been useful... hope u enjoyed the sleep in

Like · Reply · 15w



Write a comment...



March 15, 2018 · 🌐

Each Week at uni I focus one the following topics!

Week 1: What is a String

Week 2: Variables

Week 3: Booleans

Week 4: floats

Week 5: Integar

Week 6: Char

Week 7: Data Types

Id like to thank Mr. Newell for teaching me all this in a week or two during year 11! this is going to be the easiest class ever



You and 1 other

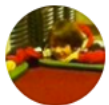
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Love



Comment



February 19, 2019 · 🌐

Thanks Mr Newell, Now i don't have to wake up early to attend my lectures! Even in my second year. 😊



June 12, 2018 · 🌐

Guess who is starting java from scratch again in their second semester of uni!



3

1 Comment Seen by 13



Like



Comment



Jack Wright

Me

And probably you aswell



July 4, 2018 · 🌐

Introduction to software design starting today!

This is my first program (which I had about 1.5 to make it) and I did it in about 30 seconds. So thanks Mr. Newell, I payer attention in SOME or your classes



February 20, 2018 · 🌐

is 🤖 chilling.

First day in IT at Uni. Went into the class. The teacher was telling everyone how to download eclipse #HelloWorld



You and 9 others

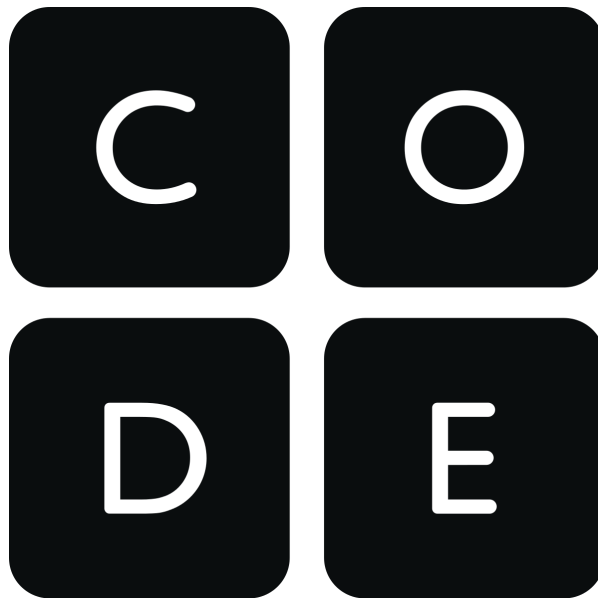
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Love



Comment



Code.org has a great collection of videos (links below) by Bill Gates, Mark Zuckerberg, Barack Obama and many others sharing their love for computer science and the enjoyment of programming.

In the US, 90% of schools don't teach programming. In most cases the Software Design and Development Course is a student's first opportunity to learn programming before doing it at university.

<https://code.org/educate/resources/videos>

<https://youtu.be/6XvmhE1J9PY>

<https://youtu.be/nKlu9yen5nc>



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