Tinker Academy

AP Computer Science Prep (Java Programming)

Lecture 1 - Welcome and Getting Started (Welcome)

Welcome

Welcome

Instructor

- Ron

Administrator

- Anindita

Tinker Academy Contact Details

- Email: classes@tinkeracademy.com
- Contact # (408) 634-0810

About Us

- Founded in Cupertino in 2013

- Mission is to create ELITE programmers

- Offer programs through Cupertino Parks and Recreation

- Winter 2015 programs

  - SCRATCH Programming Beginner,

  - Beginner Java Programming,

  - AP Computer Science

Announcements

Laptop Requirements for Class

- Mac or Windows Laptop is required for every class

OS	RAM	HDD (Free Space)	Special Instructions
Windows 7+	2 - 4GB	10+ GB	Administrator Rights

- Same Laptop should be brought to every class

Announcements

Software

- A Linux Virtual Machine will be installed on the Laptop
- No other software will need to be installed
- The Virtual Machine is pre-installed with all required software for the course

Announcements

Email Requirements

- We will use the email registered with Cupertino Rec
- Verify your **email** registered with us.
- Email will be used for all **communication**

Announcements

Email Requirements

- One more additional email can be provided. Please contact ANINDITA after class!
- We will be sending an email by Monday to the registered email address. If you do not receive an email , please contact us next class!

Announcements

Skype Requirements

- We will have a class discussion group chat over Skype
- Students can ask questions or request help from instructor
- Announcements will also be made through Skype
- Students can use their own Skype ID
- Instructions will be sent out by email

Announcements

Course Format

- 10 weeks (9 weeks for SCRATCH)
- 90 minutes of classroom instruction
- Classroom activities include hands on coding, so don't forget your laptop

Announcements

Course Commitments

- This is an academically rigorous course.
- Please commit upto 4 hours per week towards coursework (review, quiz and homework).
- Homework & quiz need to be completed by due date (See Course Due Dates in welcome folder)

Announcements

Grading

- Quiz Homework and Class Participation are graded
- Final exam is Pass/Fail
- Weightage is as follows

Component	Weightage
Class Participation	20
Quizzes	40
Homework	40
Final Exam	Pass/Fail

Announcements

Typical Day in Class

- Class Review (10 minutes)
- Classroom Instruction (75 minutes)
- Review of upcoming Quiz and Homework (5 minutes)
- Students encouraged to ask questions during class.
- Class Participation important and counts towards your grade.

Announcements

Course Virtual Machine

- Students will be installing the Course Virtual Machine on their laptops today
- All Homework, Quiz, Handouts/Slides are accessible through the Virtual Machine
- Quiz and Homework submission through Virtual Machine

Announcements

Off site Help

We will be providing offsite help around installation issues on the following days

- Monday January 12th (8 pm -9 pm)
- Cupertino Library (Childrens Homework Room)

Any additional offsite help dates will be announced through Skype

Announcements

Certificates

● We will be awarding Certificates at the end of course
● Scoring is as follows

Weighted Score	Certificate
65-100	Certificate of Completion (With Distinction)
40-64	Certificate of Completion
0-39	Certificate of Participation

Announcements

Quiz, Homework & Final Exam

- Weekly Quiz / Homework (Graded)
- Quiz and Homework accessed through Course Virtual Machine
- Final Exam on last day of class (Pass/Fail)
- Due Dates are in Course Content & Due Dates sheet

Announcements

Handouts/Slides

- Class Handouts/Slides for every class
- Parents encouraged to review material with students
- Handouts/Slides are accessible through the Students Course Virtual Machine environment

Announcements

Books

- Programming Using Java
  - Java, A Beginners Guide, 5th Edition (Schildt)
  - Learn to Program with Minecraft Plugins (Hunt)

Announcements

Books

- AP Computer Science (Core Java)
  - Thinking In Java (Eckel)
  - Be Prepared for the AP Computer Science (Litvin)
  - Barron's AP Computer Science 7th Ed (Teukolsky)

Announcements

Books

- AP Computer Science (Data Structures & Algorithms)
  - Data Structures & Algorithms In Java (Lafore)
  - Be Prepared for the AP Computer Science (Litvin)
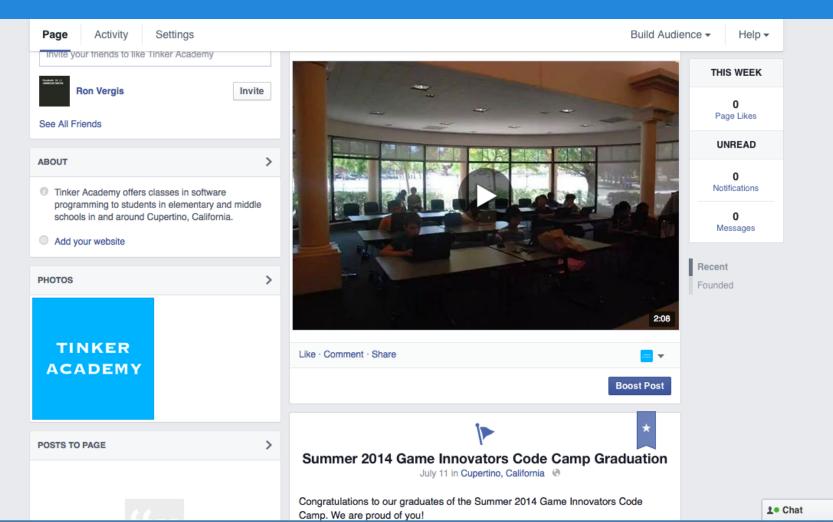 - Barron's AP Computer Science 7th Ed (Teukolsky)

We Are Hiring

We Are Hiring

Looking for High Quality Instructors

Computer Science/Extensive Software Programming Background

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Ron Vergis   Invite

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ABOUT   ›

ⓘ Tinker Academy offers classes in software
   programming to students in elementary and middle
   schools in and around Cupertino, California.

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Summer 2014 Game Innovators Code Camp Graduation

July 11 in Cupertino, California 🌐

Congratulations to our graduates of the Summer 2014 Game Innovators Code
Camp. We are proud of you!

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