

**Jonathan Kopnick Independent Study Proposal
Managing Coding For Web: “Web CTO”**

1. Description of the Study: *Like the course description in a college catalog, this part of the proposal essay should describe the general theme and scope of the independent study. The theme may be stated as a problem to be investigated, an issue to be explored, or an argument to be defended. The essay might indicate where the student is starting out and where she would like to get in terms of answering a question, exploring a phenomenon, understanding a theory, building a skill or other goal. It should articulate the theme and strategy of the study as clearly as possible within about 250 words.*

Managing Coding For Web: “Web CTO”

I am the online marketing director for a New York/Hong Kong based integrated marketing and application development firm. I would like to increase my foundational knowledge of coding so I can take an active role in code review and developer project management. I would like to study the languages my coders use and I would like to become accustomed with ways and means of holding revisions accountable and managing the velocity of deliverables to streamline execution from planning to deployment to live sites.

2. Readings: *The student must provide a reading list with authors and titles, even if tentative, along with the proposal. The list should be comparable to a similar classroom course (e.g., interdisciplinary seminars often assign 6-10 books, depending on length and complexity). Readings may change during the semester as the study evolves, but the preliminary list should be appropriate for the number of credits, and should indicate the kind of works to be read. Proposals for creative projects should include readings, as well.*

Managing the Lifecycle of Open Innovation Platforms (Markt- und Unternehmensentwicklung / Markets and Organisations) Paperback – May 22, 2013

by [Stefan H. Hallerstedte](#) (Author)

Lean, Agile and Six Sigma Information Technology Management [Kindle Edition]

[Peter Ghavami](#) (Author) *If Time Allows

Clean Code: A Handbook of Agile Software Craftsmanship [Kindle Edition]

[Robert C. Martin](#) (Author) * If Time Allows

Peer Reviews in Software: A Practical Guide [Paperback]

[Karl Wieggers](#) (Author)

Reading and Completion Of Following Code Academy Courses

[JavaScript](#)

[Learn how to make your websites interactive and how to build browser based games.](#)

[PHP](#)

[PHP is the most popular server-side language and it requires minimal set-up.](#)

[Python *If Time Allows](#)

[Learn the fundamentals of programming to build web apps and manipulate data.](#)

[Ruby *If Time Allows](#)

[Ruby is a powerful yet beginner-friendly language used for professional web apps all over the world.](#)

3. Work to be Evaluated by the Instructor:

I will turn in 4 Two Page Responses + Annotations/Summarized Quotations For All Books.

I will turn in all proof of work/completion for all Code Academy Courses.