

Andrew S. Rothman

EdTech Curriculum Developer, Facilitator, and Coach

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Progressive teacher experienced in curriculum & professional development for teachers. Facilitate and coach teachers to implement computer science and education technology programs in the classroom. Passionately support efforts to ensure that all students have access to quality technology education and effectively design and implement programs for 21st century learners. Aim to create spaces for educators to feel empowered to make change through education technology.

EXPERIENCE

COMPUTER SCIENCE CONTENT SPECIALIST: SFUSD Stem Department (San Francisco, CA), June 2016 - present

Develop curriculum, facilitate professional development and support teachers in their classrooms to implement SFUSD's K-8 computer science curriculum, which includes creating and updating the online platform and materials for the Mobile App Development course (tinyurl.com/appinventorsf). Plan and support CS Education Week activities, and liaison with school administrators to identify and develop opportunities to expand CS education at their school sites. Developed Design Thinking project that is integrated throughout the CS courses, including the creation of materials and leading related Professional Development.

TEACHER/INSTRUCTOR: AP Giannini Middle School (San Francisco, CA), August 2011 – May 2016

Created a Computer Science Elective, which focuses on teaching fundamental CS principles and introduces students to Coding, Graphic Design and Video Production. Taught 6th and 7th Grade Language Arts and Social Studies using Columbia Teacher's College Units of Study Curriculum. Served as the Tech Lead, responsible for drafting and implementing the school technology integration plan, and have served as GATE Program Coordinator.

PROGRAM MANAGER: Coro Exploring Leadership (San Francisco, CA), January 2010 - August 2011

Developed, lead and facilitate leadership workshops for High School Students focused on academic and professional development. Engaged students in team-building activities and guided the development of their community action projects. Provided students support in professional internship placements.

PEACE & CONFLICT PROGRAM MANAGER: Fellowship of Reconciliation (Kampala, Uganda), August 2006 - March 2007

Developed programs aimed at strengthening the Reintegration of Former Child Combatants in Northern Uganda. Conducted field research in Kitgum District Internally Displaced People camps and contributed to a report on "The Way Forward" in Northern Uganda, and wrote funding proposals.

MANAGER, PACKAGE AND DELIVERY: FedEx (Brockton, MA)

August 2004-March 2005

Managed daily activities for 30 delivery drivers, ran morning operations including van audits and delivery dispatch. Trained and scored new drivers in defensive driving techniques and appropriate package handling. Performed customer service functions such as surveys and special deliveries.

**CURRICULUM
DEVELOPMENT/
FACILITATION****APP INVENTOR:** University of San Francisco, January 2015 - Present

Adapted USF Professor David Wolber's College Level Curriculum for Middle School

MyCS: San Francisco Unified School District, August 2015 - Present

Adapted curriculum and was a founding instructor in implementing Harvey Mudd College's MyCS curriculum for Middle Grades.

EDUCATION**2015-16 MERIT FELLOW:** Krause Center for Innovation (Los Altos, CA)

Training in GAFE applications and perspective on how to help teachers bolster their curriculum with technology-enhanced learning activities to motivate, challenge and inspire.

MASTERS IN INTERNATIONAL AFFAIRS: Columbia University (New York, NY) May 2009

GPA: 3.63 Awards: SIPA Fellowship award winner. Relevant Coursework: Quantitative Methods for Program Evaluation, Program Management, Leadership Development.

BACHELOR OF ARTS IN POLITICAL SCIENCE: San Francisco State University (San Francisco, CA) June 2004

GPA: 3.78 Awards: Participant, Jerusalem Fellowships, July 2000; Dean's List Honor Roll Fall 2002, Fall 2003

CA SINGLE SUBJECT TEACHING CREDENTIAL (Social Studies and Language Arts) Spring 2011

**ADDITIONAL
ACTIVITIES**

Presenter at Ed Tech Team GAFE Summit Fall 2014, Summer 2015

Long Term Sub- Mission High School Leadership Class Fall 2011

Global Routes Trip Leader- Costa Rica, Puerto Rico: 2007, 2013

TESOL certification and instructor 2005

Intern Editor at Global Exchange Reality Tours Spring 2005

Intern Transaction Specialist at Smith Barney Summer 2002

SKILLS

SOFTWARE: All Google for Education Applications, Photoshop, Premier, Microsoft Office, MIT App Inventor, Scratch

APPLICATIONS: Nearpod, Padlet, Kahoot, Flubaroo, Edpuzzle, Peardeck, Sitemaetro