CS4HS Workshop

JULY 23 – 24, 2012
FLORIDA INSTITUTE OF TECHNOLOGY
Organizers
- Philip Chan, Florida Tech
- Ryan Stansifer, Florida Tech

Student helper
- Casey Doran, Florida Tech
Background

- CS has impacted our daily lives
  - Banking, communication, entertainment, journalism, shopping, ...

- AP CS started in 1984

- One in 16 Brevard public high schools consistently offers AP CS
  - One in about 10 private high schools
Goals

- Increase awareness and interest in CS education in high schools
- Help us gain a deeper understanding of the challenges of CS education in high schools
To help accomplish the goals

- **Monday morning**
  - Guest speakers help motivate CS education in high schools
- **Monday afternoon**
  - CS courses in high schools
  - Discussion on obstacles to offering CS courses
  - Tour of Raytheon [~5:15pm]
- **Tuesday morning and early afternoon**
  - Resources for teaching: materials, tools, competitions, community
- **Tuesday late afternoon**
  - Discussion on steps to teaching CS
Topics for Guest Speakers

1. Why is CS important in high schools?
2. Why is CS academically interesting?
3. Why is CS important/useful at your company/agency?
4. What are/were your CS projects?
Logistics

- **Lunch**
  - Lunch tickets
  - Panther Dining Hall
    - We plan to seat together as a group to encourage interactions

- **Stipends for Brevard school teachers/administrators**
  - W9
  - Sign in

- **In-service points in Brevard Public Schools (BPS)**
  - Evelyn Skrmetta (BPS Gifted & Accelerated Programs) has your names and arranged the paper work
Acknowledgements

• We thank
  ○ Google for providing the funding for this workshop
  ○ the guest speakers for taking their time to prepare and share their thoughts
  ○ Raytheon for providing a tour
  ○ Brevard Public Schools for providing in-service points
Questions?